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# International

# Profile

1994



**Alcohol  
&  
Other Drugs**

...

Compiled by:

Bob Williams, Kit Chang,

Minh Van Truong and Fadia Saad



WORLD HEALTH  
ORGANIZATION

**ARF**

Addiction Research Foundation  
Fondation de la recherche  
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# **INTERNATIONAL PROFILE**

## **Alcohol & Other Drugs**

**1994**

Published by the Addiction Research Foundation in collaboration with the  
Programme on Substance Abuse of the World Health Organization.

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# PREVIOUS REPORTS IN THIS SERIES

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The following reports produced by the Addiction Research Foundation also contain international data on substance abuse:

**STATISTICS ON ALCOHOL AND DRUG USE IN CANADA AND OTHER COUNTRIES, Data Available by August 1982** (Toronto: Alcoholism and Drug Addiction Research Foundation, 1983). Out-of-print.

**STATISTICS ON ALCOHOL AND DRUG USE IN CANADA AND OTHER COUNTRIES - VOLUME I: STATISTICS ON ALCOHOL USE, Data Available by September 1984** (Toronto: Alcoholism and Drug Addiction Research Foundation, 1985). Out-of-print.

**STATISTICS ON ALCOHOL AND DRUG USE IN CANADA AND OTHER COUNTRIES - VOLUME II: STATISTICS ON DRUG USE, Data Available by September 1984** (Toronto: Alcoholism and Drug Addiction Research Foundation, 1985). Out-of-print.

**STATISTICS ON ALCOHOL AND DRUG USE IN CANADA AND OTHER COUNTRIES - VOLUME I: STATISTICS ON ALCOHOL USE, Data Available by 1988** (Toronto: Alcoholism and Drug Addiction Research Foundation, 1989). Out-of-print.

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# PREFACE

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Over the years the Addiction Research Foundation has had to meet a growing demand for statistical information on the prevalence of substance abuse and its associated problems. In order to meet our own scientific needs, and as a collaborating centre with the World Health Organization, we have attempted to collect and monitor international data related to substance abuse.

The Statistical Information Service was created to compile and disseminate this data so that researchers, policy-makers, planners and other interested groups would have access to the most current information available. This is the first edition of the *International Profile* and builds upon former compilations that the Addiction Research Foundation produced in the past, primarily under the title *Statistics on Alcohol and Drug Use in Canada and Other Countries*. A listing of previous reports produced by the Addiction Research Foundation is included at the beginning of this report.

As the title suggests, this volume contains international alcohol- and other drug-related statistical data. While no single publication could possibly include all of the data that is available on substance abuse, the *International Profile* does provide a single comprehensive source for major, commonly utilized indicators. Data in this report have been compiled from a variety of sources (available by January 1994) and, while they have been verified to eliminate errors, any limitations that existed in the original data will be repeated in this volume.

Finally, the last page is a survey regarding this publication and its contents. Readers are encouraged to spend the time to fill this out and/or to contact the Statistical Information Service directly with any comments or suggestions that can make this a more useful and comprehensive publication. We are particularly interested in other data sources or indicators that may be available and would be useful to the users of this report.

## ACKNOWLEDGEMENTS

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While this compilation has benefited from the assistance and suggestions of many individuals, special thanks are due to: Margy Chan, Director, Information Services Department, for her encouragement and patience; Robin Room for his comments and suggestions; Roberta Ferrence and Marilyn Pope for their comments on the smoking chapter; Reginald Smart, Kate Graham, Mark Sobell, and Usanda Busto for their suggestions in the planning stages; the individuals in ARF Marketing for keeping us on schedule and ultimately distributing the publication; ARF Creative Services for the cover design; ARF Public Affairs and Charis Cotter for copy editing; and ARF Printing for providing a rapid turnaround in the final production stages.

Finally, we would like to acknowledge the assistance of Dr. Alan Lopez of the Programme on Substance Abuse at the World Health Organization.



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# Key to Symbols

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For the purposes of this document, the regional designation "America" is used in reference to South America, Central America and North America.

## Symbols

- ... data is not applicable
- n.a. data not available
- magnitude zero
- .. magnitude is greater than zero but less than one-half unit employed

## Metric Equivalents

1 metric tonne is 1000 kilograms



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# INTRODUCTION

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## *Overview*

This report, *International Profile - Alcohol and Other Drugs, 1994*, is the latest compilation of international alcohol and drug indicators produced by the Addiction Research Foundation. It is hoped that this publication, together with other sources of information, will aid in establishing a more thorough understanding of substance abuse problems throughout the world. While no single publication could possibly contain all the substance abuse information available internationally, the motivation behind this report was to:

- i) provide a single source document for a select group of key indicators;
- ii) provide data for the most recent 10 year period; and
- iii) select series from sources that cover as many countries as possible.

Each of the six chapters in this report consists of a brief overview, including graphical representations, of the highlights contained in the subsequent tables. Chapter I focuses on basic demographic data, including population, birth rates, death rates and economics. Chapter II contains data on alcohol production and consumption and liver cirrhosis mortality. Chapter III contains data related to the international consumption of controlled narcotic drugs such as codeine and heroin. Chapter IV deals with tobacco, cigarette production and mortality from lung cancer. Chapter V examines data related to caffeine, such as tea and coffee production and consumption. Finally, Chapter VI provides additional health-related data that is useful in the study of substance abuse, such as: AIDS cases, suicides, motor vehicle accidents and general mortality data.

## *The Data*

A report of this nature can only touch the surface of international substance use and abuse. Ideally, this report would contain a country-by-country examination of the issues, drawing on national reports and surveys to produce an in-depth profile for each region. Realistically, to produce such a report would require the collaboration and co-operation of experts in each country. Even then, because different countries have different objectives, resources, and systems for conducting such investigations, the comparability between regions would be limited.

Thus, this publication draws upon data collected by international organizations, such as the United Nations and the World Health Organization. These data are typically based on international reporting systems and agreements that have been established to provide a frame of reference for making international comparisons. However, it is not feasible for all countries to

provide such reports and there can be variations in the usage of these reporting systems among regions. Readers are urged to use caution when making international comparisons and to pay attention to the footnotes from the source material.

### ***Methodological Notes***

The reader's attention is drawn to the following characteristics and limitations of the data reported in this volume.

In the subsequent tables, the number of countries included varies from under 50 to over 200, depending upon the source and the topic. The accompanying analysis that is part of each chapter is based upon the data that is available and has been reported in the source publications. The regional analysis is solely dependent upon how many countries reported, and may not reflect the actual levels within a region because the data is incomplete. Without completely understanding the dynamics that have generated these data, the analysis has been restricted to identifying major trends that will assist in guiding the reader through the tables.

Recent political changes around the world have also had an impact on the data contained in these tables. In order to simplify the presentation of material, data from the former Federal and Democratic Republics of Germany have been combined for the entire series to reflect the current political situation. With respect to the former USSR, the Baltic republics, the Commonwealth of Independent States and Georgia have been combined and presented under the designation 'former USSR'.

Users should also be aware that the data presented in these tables can be influenced by the impact of war, disease, famine or other natural disasters. These phenomena can impact on production, consumption, the occurrence of events, and the actual reporting of data to international organizations. Thus, significant year over year changes should be examined carefully in the full context of the local situation.

### ***Conclusion***

While no data set will fully represent the intended subjects of examination, they continue to be widely used for international comparisons on substance use and abuse. As the international community becomes more interdependent, the incentive and need to obtain information allowing more consistent international comparisons will grow. Given time, resources and interest, efforts will continue to produce a broader, more refined range of indicators and a more thorough examination of the sources and their attendant problems.



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Lumio, Martti and Sulkunen, Pekka **International Alcohol Statistics: interests, types, and utilization** (Helsinki: State Alcohol Monopoly, Social Research Institute of Alcohol Studies, 1975)

Sulkunen, Pekka **On International Alcohol Statistics: a working paper on WAP data** (Helsinki : State Alcohol Monopoly, Social Research Institute, 1973)

Finnish Foundation for Alcohol Studies and the World Health Organization Regional Office for Europe **International Statistics on Alcoholic Beverages: production, trade, and consumption, 1950-1972** (Helsinki : New Brunswick, N.J. : Finnish Foundation for Alcohol Studies, 1977).





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# CHAPTER I

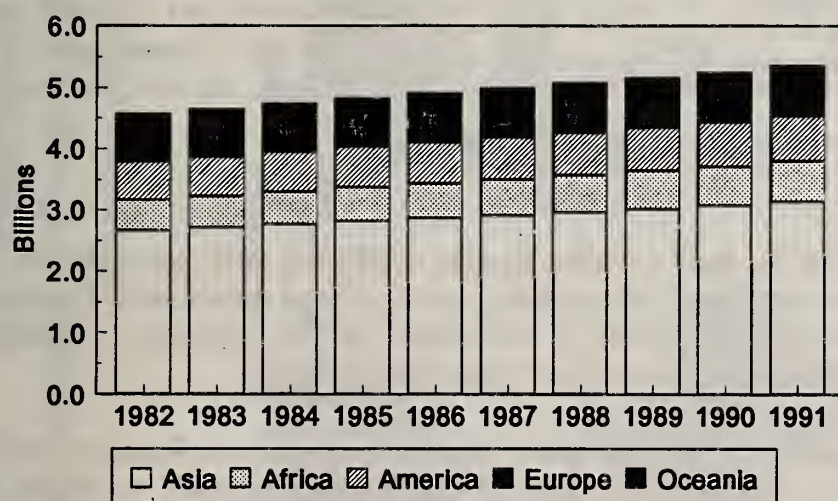
## DEMOGRAPHICS

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### *World Population*

Between 1982 and 1991, world population growth was relatively steady, averaging 1.8% per year (Figure I-1; Table I-2). In 1991, world population was an estimated 5.36 billion.

**Figure I-1: World Population, 1982 to 1991**



Source: United Nations Demographic Yearbook, 1991

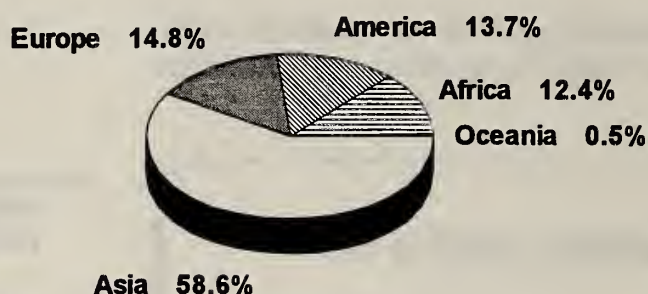
- World population in 1991 was 5.4 billion
- In 1991, world population increased by over 100 million
- 59% of the world's population lives in Asia
- The G-7 nations, while accounting for only 12% of the world population, accounted for over 65% of world output

The fastest growing region of the world was Africa, with a population growth rate of 3.8% in 1991, and an average of 3.3% per year for the period between 1982 and 1991. Its share of the world population has grown from 10.9% in 1982 to 12.4% in 1991.

The slowest growing region was Europe, with a population growth rate of 0.7% in 1991 and an average of 0.5% per year for the period between 1982 and 1991. As a result of this slow growth, Europe's share of the world population has declined from 16.6% in 1982 to 14.8% in 1991.

Most of the world's inhabitants resided in Asia (Figure I-2). Between 1982 and 1991, the Asian population grew at an average rate of 1.9% a year. Over this period, Asia's proportion of the world population remained relatively stable and in 1991, 58.6% or 3.14 billion persons lived in Asia.

**Figure I-2: World Population Distribution, 1991**



5.4 billion persons  
Source: United Nations Demographic Yearbook, 1991

In 1991, 13.7% or 734.1 million persons lived in the Americas. Population growth in the Americas has been steady over the last 10 years, increasing at an average rate of 1.6% per year.

The least populated region of the world was Oceania. Only 0.5% of the world's population (26.9 million persons) were located in this region in 1991. Between 1982 and 1991, Oceania grew at an average rate of 1.5% a year.

### ***Gross Domestic Product***

Tables I-4 and I-5 present data on gross domestic product (GDP) and GDP per capita for the period 1981 to 1990. Without considering the purchasing power of local currencies or the degree to which a country's government is involved in the welfare of the population, meaningful comparisons involving GDP valued in U.S. dollars are difficult to interpret.

However, the G-7 nations (Canada, France, Germany, Italy, Japan, the United Kingdom and the United States), who together represent about 12% of the world's population, accounted for almost 65% of the world's total output (based on available data). Approximately 40% of world gross domestic product can be attributed to the United States and Japan, who together account for about 7% of the world's population. Figure I-3 illustrates how the world's countries rank in terms of GDP per capita.

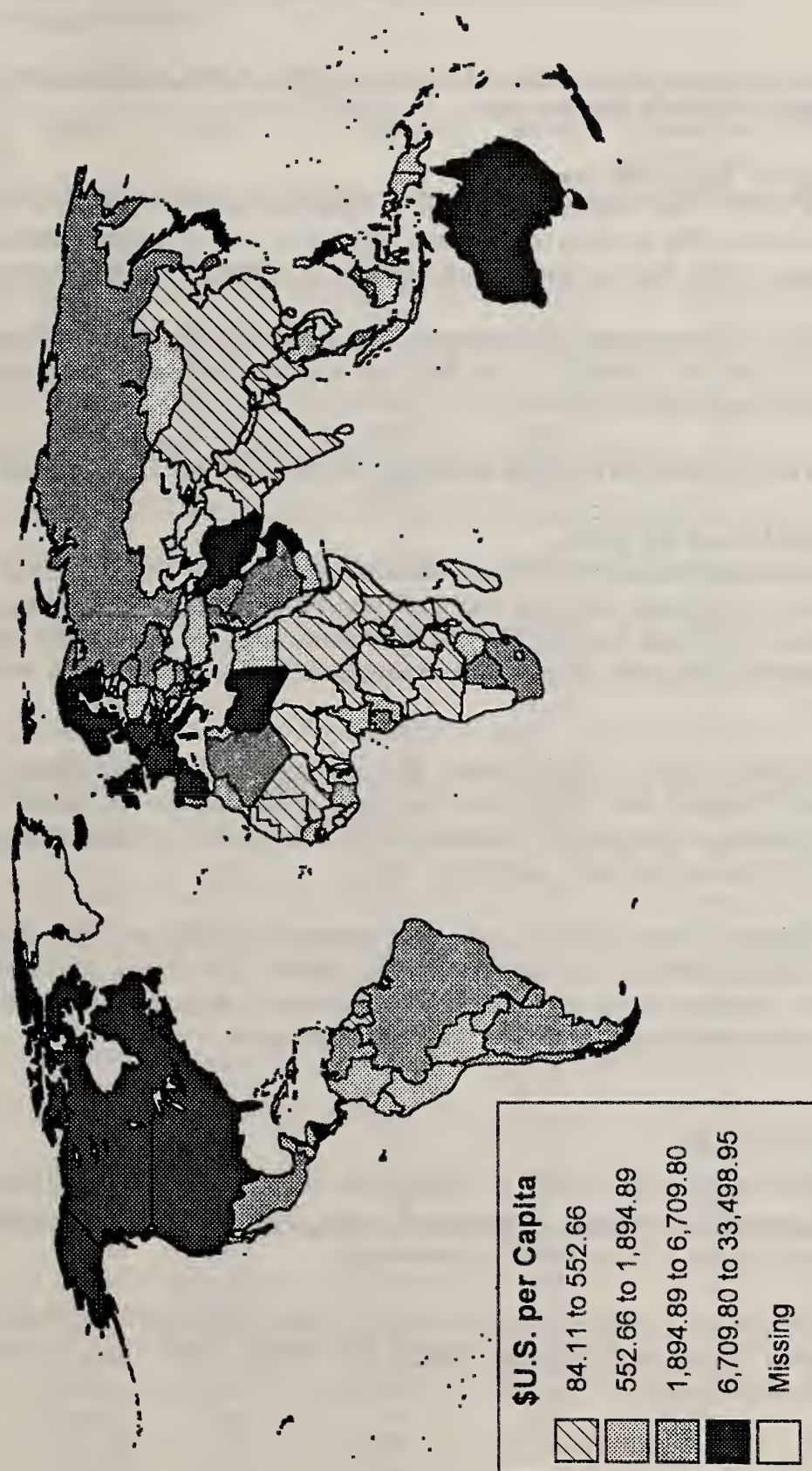
### ***EXPLANATORY NOTES***

#### **Table I-2: Population**

This table represents a summary estimate of mid-year population, as of July 1 of the year stated, for 211 countries or areas with a de facto population of at least 1,000 inhabitants; the de jure figures are footnoted when known. By definition, a de facto population should include all persons physically present in the country or area at the reference day. The de jure population, by contrast,



**Figure I-3:**  
**Gross Domestic Product, \$U.S. per Capita**  
 (latest year available)



Source: United Nations Statistical Yearbook

should include all usual residents of the given country or area, whether or not they were physically present there on the reference date.

### **Table I-3: Vital Statistics**

"Live Birth" is the completed expulsion or extraction from its mother of a product of conception, irrespective of the duration of pregnancy, which after such separation breathes or shows any other evidence of life. Each product of such a birth is considered live-born regardless of gestational age.

"Death" is the permanent disappearance of all evidence of life at any time after live birth has taken place (post-natal cessation of vital functions without capability of resuscitation). This definition therefore excludes fetal deaths.

Both the live birth and the crude death rates are calculated per 1,000 mid-year population.

### **Tables I-4 and I-5: GDP**

Data represent the major national accounts aggregates for countries using the United Nations System of National Accounts that are based on the concepts and definitions contained in A System of National Account (SNA). The countries using the Material Product System (MPS) are footnoted in the table. This data is expressed in United States dollars, using official exchange rates.

By definition, GDP consists of private final consumption, general government consumption, gross capital formation and exports, less imports of goods and services valued c.i.f.; or the sum of compensation of employees, consumption of fixed assets, operating surplus and indirect taxes (net) of resident producers, and import duties.

Net Material Product (NMP) is defined as the sum of the final use of goods and material services, i.e., final consumption, net capital formation, losses and the excess of exports over imports; or it can be computed as the sum of the primary incomes of the population and the primary income of the enterprises engaged in the material production sphere.

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United Nations, Department of Economic and Social Information and Policy Analysis, Statistical Division Statistical Yearbook, 1988/89 and 1990/91 (New York: United Nations, 1992 and 1993, respectively)



**TABLE I-1 POPULATION BY SEX, RATE OF POPULATION INCREASE, AND DENSITY:  
LATEST AVAILABLE YEAR**

Area & Country	Latest Census				Estimated Annual Rate of Increase 1985-91	Estimated Density 1991 (per km2)
	Date	Total	Male	Female		
<b>AFRICA:</b>				(%)		
Algeria 2	20-Apr-87	23,038,942	n.a.	n.a.	2.7	11
Angola 3	15-Dec-70	5,646,166	2,943,974	2,702,192	2.7	8
Benin	20-Mar-79	3,331,210	1,596,939	1,734,271	3.2	43
Botswana	14-Aug-91	1,325,291 *	n.a.	n.a.	3.6	2
British Indian Ocean 4	(5)	(5)	(5)	(5)	-	26
Burkina Faso	10-Dec-85	7,964,705	3,833,237	4,131,468	2.6	34
Burundi	16-Aug-79	4,114,135	1,988,292	2,125,843	2.9	202
Cameroon	Apr-87	10,493,655 *	n.a.	n.a.	3.1	26
Cape Verde	2-Jun-80	289,027	131,266	157,761	2.3	95
Central African Republic	8-Dec-75	2,054,610	985,224	1,069,386	3.0	5
Chad	1963-1964	3,254,000 6	n.a.	n.a.	2.5	5
Comoros	15-Sep-80	385,890 7	167,089	168,061	3.5	255
Congo	22-Dec-84	1,843,421	n.a.	n.a.	3.2	7
Côte d'Ivoire	30-Apr-75	6,709,600	3,474,750	3,234,850	3.8	39
Djibouti	1960-1961	81,200	n.a.	n.a.	(8)	18
Egypt	18-Sep-86	48,254,238	24,709,274	23,544,964	2.7	55
Equatorial Guinea 9	4-Jul-83	300,000	144,760	155,240	2.2	13
Ethiopia	9-May-84	42,169,203 *	21,018,900 *	21,150,303 *	3.1	44
Gabon	8-Oct-60	448,564	211,350	237,214	3.5	5
Gambia	15-Apr-83	687,817	342,134	345,683	2.9	78
Ghana	11-Mar-84	12,296,081	6,063,848	6,232,233	3.3	65
Guinea 10	4-Feb-83	4,533,240 *	n.a.	n.a.	4.0	24
Guinea-Bissau	16-Apr-79	753,313	362,589	390,724	2.1	27
Kenya	24-Aug-89	21,400,000 *	n.a.	n.a.	(8)	45
Lesotho	12-Apr-86	1,447,000 *	n.a.	n.a.	3.2	60
Liberia 1	1-Feb-84	2,101,628	n.a.	n.a.	3.5	24
Libyan Arab Jamahiriya	31-Jul-84	3,637,488 *	1,950,152 *	1,687,336 *	(8)	3
Madagascar	1-Jan-75	7,603,790	3,805,288	3,798,502	2.3	20
Malawi	1-Sep-87	7,982,607	3,880,100	4,102,507	3.2	72
Mali	1-Apr-87	7,696,348 2	3,760,711 2	3,935,637 2	(8)	8
Mauritania	5-Apr-88	1,864,236 11	923,175 11	941,061 11	2.4	2
Mauritius -	30-Jun-72	851,334	426,122	425,212	1.2	536
Island of Mauritius	11-Jul-83	966,863	481,368	485,495	1.4	574
Rodrigues	11-Jul-83	33,082	16,552	16,530	n.a.	n.a.
Others 12	30-Jun-72	366	272	94	n.a.	n.a.
Morocco 1	3-Sep-82	20,419,555	n.a.	n.a.	2.6	58
Mozambique 12	1-Aug-80	11,673,725	5,670,484	6,003,241	2.5	20
Namibia	6-Sep-91	1,401,711 *	680,927 *	720,784 *	3.2	2
Niger	10-May-88	7,249,596 *	n.a.	n.a.	3.2	6
Nigeria	Nov-91	88,514,501 *	44,544,531 *	43,969,970 *	2.6	121
Réunion 2	15-Mar-90	597,828	294,256	303,572	1.8	242
Rwanda	15-Aug-91	7,164,994 *	3,487,189 *	3,677,805 *	3.4	284
Saint Helena ex. dep.	22-Feb-87	5,644	2,769	2,875	1.9	57
Ascension	31-Dec-78	849	608	241	n.a.	n.a.
Tristan da Cunha	31-Dec-88	297	n.a.	n.a.	n.a.	n.a.
Sao Tome and Principe	15-Aug-81	96,611	48,031	48,580	2.3	129



**TABLE I-1 POPULATION BY SEX, RATE OF POPULATION INCREASE, AND DENSITY:  
LATEST AVAILABLE YEAR - Continued**

Area & Country	Latest Census				Estimated Annual Rate of Increase 1985-91	Estimated Density 1991 (per km2)
	Date	Total	Male	Female		
<b>AFRICA (Cont'd):</b>				(%)		
Senegal	27-May-88	6,928,405 *	n.a.	n.a.	2.3	38
Seychelles	17-Aug-87	68,598	34,125	34,473	0.7	149
Sierra Leone 10	15-Dec-85	3,515,812 *	1,746,055 *	1,769,757 *	2.5	59
Somalia	1986-1987	7,114,431 *	3,741,664 *	3,372,767 *	3.1	12
South Africa 10	5-Mar-85	23,385,645 13	11,545,282 13	11,840,363 13	2.2	30
Sudan	1-Feb-83	20,594,197	10,512,884	10,081,313	2.9	10
Swaziland	25-Aug-86	681,059	321,579	359,480	4.1	47
Togo	22-Nov-81	2,703,250	n.a.	n.a.	3.1	64
Tunisia	30-Mar-84	6,966,173	3,547,315	3,418,858	2.4	51
Uganda	12-Jan-91	16,582,674 *	8,124,800 *	8,457,900 *	3.7	83
United Republic of Tanzania	26-Aug-78	17,512,611	8,587,086	8,925,525	(s)	30
Tanganyika	26-Aug-78	17,036,498	8,350,492	8,686,006	n.a.	n.a.
Zanzibar	26-Aug-78	476,113	236,594	239,519	n.a.	n.a.
Western Sahara 14	31-Dec-70	76,425	43,981	32,444	2.8	1
Zaire	1-Jul-84	29,916,800	14,543,800	15,373,000	2.8	16
Zambia	20-Aug-90	7,818,447 *	3,975,083 *	3,843,364 *	(s)	12
Zimbabwe	18-Aug-82	7,608,432	n.a.	n.a.	3.0	26
<b>AMERICA, NORTH:</b>						
Anguilla	n.a.	n.a.	n.a.	n.a.	-	73
Antigua and Barbuda	7-Apr-70	65,525	31,054	34,471	0.1	173
Aruba 2	1-Feb-81	60,312	29,340	30,972	-0.6	306
Bahamas	2-May-90	254,685	123,507	131,178	1.8	19
Barbados	2-May-90	257,082 *	n.a.	n.a.	0.2	593
Belize	12-May-80	145,353	n.a.	n.a.	2.6	8
Bermuda	12-May-80	67,761	33,621	34,140	1.5	1,155
British Virgin Islands	12-May-80	11,697	n.a.	n.a.	1.5	85
Canada 3	3-Jun-86	25,309,330	12,485,650	12,823,680	1.2	3
Cayman Islands 2	15-Oct-89	25,355	12,372	12,983	3.3	100
Costa Rica 2	10-Jun-84	2,416,809	1,208,216	1,208,593	2.5	60
Cuba	11-Sep-81	9,723,605	4,914,873	4,808,732	1.0	97
Dominica	7-Apr-81	74,625	n.a.	n.a.	0.7	111
Dominican Republic	12-Dec-81	5,647,944	2,830,295	2,817,682	2.2	150
El Salvador	28-Jun-71	3,554,648	1,763,190	1,791,458	1.7	256
Greenland 2	26-Oct-76	49,630	26,856	22,774	0.9	-
Grenada 15	30-Apr-81	89,088	42,943	46,145	(s)	244
Guadeloupe 2, 16	9-Mar-82	327,002	160,112	166,890	-0.2	202
Guatemala 10	26-Mar-81	6,054,227	3,015,826	3,038,401	2.9	87
Haiti 2	30-Aug-82	5,053,792	2,448,370	2,605,422	2.0	239
Honduras	May-88	4,248,561	2,110,106	2,138,455	3.1	47
Jamaica	8-Jun-82	2,205,507	1,079,640	1,125,867	0.4	215
Martinique 2	15-Mar-90	359,579 *	173,876 *	185,703 *	(s)	311
Mexico 2	12-Mar-90	81,140,922 *	39,878,536 *	41,262,386 *	2.0	45
Montserrat	12-May-80	11,932	n.a.	n.a.	0.2	118
Netherlands Antilles 2, 10, 17	1-Feb-81	171,620	82,808	88,812	0.7	236
Nicaragua 2	20-Apr-71	1,877,952	921,543	956,409	3.3	31
Panama	13-May-90	2,329,329 *	1,178,790 *	1,150,539 *	2.1	33



**TABLE I-1 POPULATION BY SEX, RATE OF POPULATION INCREASE, AND DENSITY:  
LATEST AVAILABLE YEAR - Continued**

Area & Country	Latest Census				Estimated Annual Rate of Increase 1985-91	Estimated Density 1991 (per km2)
	Date	Total	Male	Female		
<b>AMERICA, NORTH (Cont'd):</b>					(%)	
Puerto Rico <sup>18</sup>	1-Apr-90	3,522,039 *	n.a.	n.a.	1.6	405
Saint Kitts and Nevis	12-May-80	44,224	n.a.	n.a.	-	169
Saint Lucia <sup>10</sup>	12-May-80	115,153	n.a.	n.a.	1.8	246
St Pierre and Miquelon	9-Mar-82	6,037	2,981	3,056	-	25
St Vincent and Grenadines <sup>19</sup>	12-May-80	97,914	n.a.	n.a.	1.1	302
Trinidad and Tobago	1-May-90	1,234,388 *	618,050 *	616,338	1.0	244
Turks and Caicos Islands	12-May-80	7,435	3,602	3,833	1.8	23
United States <sup>20</sup>	1-May-90	248,709,873 *	n.a.	n.a.	1.0	26
United States Virgin Islands <sup>19</sup>	1-Apr-80	96,569	46,204	50,365	1.3	345
<b>AMERICA, SOUTH:</b>						
Argentina	15-May-91	32,608,560 *	15,968,854 *	16,639,706 *	1.3	12
Bolivia <sup>10</sup>	29-Sep-76	4,613,486	2,276,029	2,337,457	2.8	7
Brazil <sup>21</sup>	1-Sep-80	121,148,582	60,298,897	60,849,685	2.1	18
Chile	21-Apr-82	11,329,736	5,553,409	5,776,327	1.7	18
Colombia <sup>22</sup>	15-Oct-85	27,837,932	13,777,700	14,060,232	(8)	30
Ecuador <sup>23</sup>	25-Nov-90	9,648,189	4,796,412	4,851,777	2.4	38
Falkland Is (Malvinas) <sup>24, 25</sup>	16-Nov-86	1,878	994	884	-	-
French Guiana <sup>2</sup>	9-Mar-82	73,012	38,448	34,564	2.0	1
Guyana	12-May-80	758,619	375,841	382,778	0.2	4
Paraguay	11-Jul-82	3,029,830	1,521,409	1,508,421	2.9	11
Peru <sup>10, 21</sup>	12-Jul-81	17,005,210	8,489,867	8,515,343	2.1	17
Suriname	1-Jul-80	352,041	173,083	178,958	1.9	3
Uruguay <sup>10</sup>	23-Oct-85	2,955,241	1,439,021	1,516,220	0.6	18
Venezuela <sup>21</sup>	20-Oct-90	18,105,265 *	9,004,717 *	9,100,548 *	2.6	22
<b>ASIA:</b>						
Afghanistan	23-Jun-79	13,051,358 <sup>26</sup>	6,712,377 <sup>26</sup>	6,338,981 <sup>26</sup>	(8)	25
Armenia	12-Jan-89	3,304,776 <sup>2</sup>	1,619,308 <sup>2</sup>	1,685,468 <sup>2</sup>	n.a.	n.a.
Azerbaijan	12-Jan-89	7,021,178 <sup>2</sup>	3,423,793 <sup>2</sup>	3,597,385 <sup>2</sup>	n.a.	n.a.
Bahrain	5-Apr-81	350,798	204,793	146,005	3.3	762
Bangladesh <sup>10</sup>	6-Mar-81	87,119,965	44,919,191	42,200,774	3.0	825
Bhutan	Nov-69	1,034,774	n.a.	n.a.	2.2	33
Brunei Darussalam <sup>10, 27</sup>	26-Aug-81	192,832	102,942	89,890	3.5	47
Cambodia <sup>28</sup>	17-Apr-62	5,728,771	2,862,939	2,865,832	2.5	47
China <sup>29</sup>	1-Jul-90	1,160,173,810	n.a.	n.a.	1.4	120
Cyprus <sup>2</sup>	30-Sep-76	612,851	306,144	306,707	1.1	77
East Timor	31-Oct-90	767,750	386,939	360,811	2.2	51
Georgia	12-Jan-89	5,400,841 <sup>2</sup>	2,562,040 <sup>2</sup>	2,838,801 <sup>2</sup>	n.a.	n.a.
Hong Kong <sup>30</sup>	11-Mar-86	5,395,997	2,772,464	2,623,533	1.3	5,657
India <sup>31</sup>	1-Mar-91	844,324,222 *	437,805,805 *	406,518,417 *	2.1	258
Indonesia <sup>32</sup>	31-Oct-90	179,321,641	89,448,235	89,873,406	2.2	99
Iran, Islamic Rep of	22-Sep-86	49,445,010	25,280,961	24,164,049	2.6	34
Iraq	17-Oct-87	16,335,199	8,395,889	7,939,310	3.8	45
Israel <sup>2, 33</sup>	4-Jun-83	4,037,620	2,011,590	2,026,030	2.7	236
Japan <sup>34</sup>	1-Oct-90	123,611,167 *	60,696,724 *	62,914,443 *	0.4	328



**TABLE I-1 POPULATION BY SEX, RATE OF POPULATION INCREASE, AND DENSITY:  
LATEST AVAILABLE YEAR - Continued**

Area & Country	Latest Census				Estimated Annual Rate of Increase 1985-91	Estimated Density 1991 (per km2)
	Date	Total	Male	Female		
<b>ASIA (Cont'd):</b>				(%)		
Jordan <sup>35</sup>	10-Nov-79	2,100,019 <sup>36</sup>	1,086,591 <sup>36</sup>	1,013,428 <sup>36</sup>	3.3	42
Kazakhstan	12-Jan-89	16,464,464 <sup>2</sup>	7,974,004 <sup>1</sup>	8,490,460 <sup>2</sup>	n.a.	n.a.
Korea, Dem. People's Rep. of	1-May-1944	n.a.	n.a.	n.a.	1.8	n.a.
Korea, Republic of <sup>10, 37</sup>	1-Nov-85	40,448,486	20,243,765	20,204,721	1.0	437
Kuwait	21-Apr-85	1,687,301	965,297	732,004	3.4	118
Kyrgyzstan	12-Jan-89	4,257,755 <sup>2</sup>	2,077,623 <sup>2</sup>	2,180,132 <sup>2</sup>	n.a.	n.a.
Lao People's Dem. Rep	1-Mar-85	3,584,803 *	1,757,115 *	1,827,688 *	2.8	18
Lebanon <sup>38</sup>	15-Nov-70	2,126,325 <sup>39</sup>	1,080,015 <sup>39</sup>	1,046,310 <sup>39</sup>	0.5	264
Macau <sup>40</sup>	16-Mar-81	247,826	127,650	120,176	4.0	31,063
Malaysia	10-Jun-80	13,136,109	6,588,756	6,547,353	2.6	56
Maldives	25-Mar-85	180,088	93,482	86,606	3.2	748
Mongolia	5-Jan-89	2,043,400 *	n.a.	n.a.	3.0	1
Myanmar	31-Mar-83	35,307,913 <sup>2</sup>	17,518,255 <sup>2</sup>	17,789,658 <sup>2</sup>	1.7	63
Nepal <sup>30</sup>	22-Jun-81	15,022,839	7,695,336	7,327,503	2.7	139
Oman <sup>3</sup>	n.a.	n.a.	n.a.	n.a.	3.8	7
Pakistan <sup>41</sup>	1-Mar-81	84,253,644	44,232,677	40,020,967	3.1	145
Palestine <sup>42</sup>	18-Nov-31	1,035,821	524,268 <sup>43</sup>	509,028 <sup>43</sup>	n.a.	n.a.
Gaza Strip <sup>44</sup>	14-Nov-67	356,261	172,511	183,750	n.a.	n.a.
Philippines <sup>2</sup>	1-May-90	60,684,887 *	n.a.	n.a.	2.3	210
Qatar	16-Mar-86	369,079 *	247,852 *	121,227 *	4.0	35
Saudi Arabia	9-Sep-74	7,012,642 *	n.a.	n.a.	3.9	7
Singapore <sup>45</sup>	30-Jun-90	2,705,115	n.a.	n.a.	1.3	4,471
Sri Lanka	17-Mar-81	14,846,750	7,568,253	7,278,497	1.4	263
Syrian Arab Republic <sup>46</sup>	7-Sep-81	9,046,144	4,621,852	4,424,292	3.9	70
Tajikistan	12-Jan-89	5,092,603 <sup>2</sup>	2,530,245 <sup>2</sup>	2,562,358 <sup>2</sup>	n.a.	n.a.
Thailand	1-Apr-90	54,532,300	27,031,200	27,501,100	1.6	111
Turkey	20-Oct-85	50,664,458	25,671,975	24,992,483	3.2	78
Turkmenistan	12-Jan-89	3,522,717 <sup>2</sup>	1,735,179 <sup>2</sup>	1,787,538 <sup>2</sup>	n.a.	n.a.
United Arab Emirates <sup>47</sup>	15-Dec-80	1,043,225	720,360	322,865	3.1	19
Uzbekistan	12-Jan-89	19,810,077 <sup>2</sup>	9,784,156 <sup>2</sup>	10,025,921 <sup>2</sup>	n.a.	n.a.
Viet Nam	1-Apr-89	64,411,713 *	31,336,568 *	33,075,145 *	2.2	206
Yemen						
Former Dem. Yemen <sup>1</sup>	29-Mar-88	2,345,266	1,184,359	1,160,907	4.0	8
Former Yemen Arab Rep. <sup>2</sup>	1-Feb-86	9,274,173	4,647,310	4,626,863	3.8	49
<b>EUROPE:</b>						
Albania	12-Apr-89	3,182,400 *	1,638,900 *	1,543,500 *	1.8	115
Andorra	Nov-54	5,664	n.a.	n.a.	4.3	127
Austria <sup>2</sup>	12-May-81	7,555,338	3,572,426	3,982,912	0.6	93
Belarus	12-Jan-89	10,151,806 <sup>2</sup>	4,749,324 <sup>2</sup>	5,402,482 <sup>2</sup>	n.a.	n.a.
Belgium <sup>2</sup>	1-Mar-81	9,848,647	4,810,349	5,038,298	-	323
Bulgaria	4-Dec-85	8,948,388	4,430,061	4,518,327	-	81
Channel Islands	23-Mar-86	135,694	65,610	70,084	1.2	733
Guernsey <sup>48</sup>	21-Apr-91	58,867	28,297	30,570	1.7	755
Jersey	12-Mar-89	82,809	40,086	42,723	0.9	725
Czechoslovakia	1-Nov-80	15,283,095	7,441,160	7,841,935	0.1	122



**TABLE I-1 POPULATION BY SEX, RATE OF POPULATION INCREASE, AND DENSITY:  
LATEST AVAILABLE YEAR - Continued**

Area & Country	Latest Census				Estimated Annual Rate of Increase 1985-91	Estimated Density 1991 (per km <sup>2</sup> )
	Date	Total	Male	Female		
<b>EUROPE (Cont'd):</b>				(%)		
Denmark 2, 49	1-Jan-81	5,123,989	2,528,225	2,595,764	0.1	120
Estonia	12-Jan-89	1,565,662 <sup>2</sup>	731,392 <sup>1</sup>	834,270 <sup>2</sup>	n.a.	n.a.
Faeroe Islands 2	22-Sep-77	41,969	21,997	19,972	0.5	34
Finland 3	31-Dec-90	4,998,478	2,426,204	2,572,274	0.4	15
France 50, 51	5-Mar-90	56,556,000 <sup>52</sup>	n.a.	n.a.	0.6	103
Germany 53	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Germany, Federal Rep. of 2	25-May-87	61,077,042	29,322,923	31,754,119	0.8	258
Former German Dem. Rep. 2	31-Dec-81	16,705,635	7,849,112	8,856,523	-0.4	150
Gibraltar 54	9-Nov-81	29,616	14,992	14,624	0.8	5,000
Greece	17-Mar-91	10,269,074 <sup>55*</sup>	n.a.	n.a.	0.2	76
Holy See	30-Apr-48	890	548	342	5.0	n.a.
Hungary	1-Jan-90	10,374,823	4,984,904	5,389,919	-0.4	111
Iceland 2	1-Dec-70	204,930	103,621	101,309	1.1	3
Ireland	13-Apr-86	3,540,643	1,769,690	1,770,953	-0.1	50
Isle of Man	6-Apr-86	64,282	30,782	33,500	1.8	119
Italy	25-Oct-81	56,556,911	27,506,354	29,050,557	(8)	189
Latvia	12-Jan-89	2,666,567 <sup>2</sup>	1,238,806 <sup>2</sup>	1,427,761 <sup>2</sup>	n.a.	n.a.
Liechtenstein	2-Dec-80	25,215	n.a.	n.a.	0.7	175
Lithuania	12-Jan-89	3,674,802 <sup>2</sup>	1,738,953 <sup>2</sup>	1,935,849 <sup>2</sup>	0.9	57
Luxembourg 2	31-Mar-81	364,602	177,869	186,733	0.3	144
Malta 56	16-Nov-85	345,418	169,832	175,586	1.0	1
Monaco 2	4-Mar-82	27,063	12,598	14,465	0.6	28,000
Netherlands 23	28-Feb-71	13,060,115	n.a.	n.a.	0.7	369
Norway 2	1-Nov-80	4,091,132	2,027,083	2,064,049	0.4	13
Poland 57	6-Dec-88	37,878,641	18,464,373	19,414,268	0.5	118
Portugal 58	16-Mar-81	9,833,014	4,737,715	5,096,299	1.1	115
Republic of Moldova	12-Jan-89	4,335,360 <sup>2</sup>	2,063,192 <sup>2</sup>	2,272,168 <sup>2</sup>	0.6	129
Romania	5-Jan-77	21,559,910	10,626,055	10,933,855	0.3	98
Russian Federation 59	12-Jan-89	147,021,869 <sup>2</sup>	68,713,869 <sup>2</sup>	78,308,000 <sup>2</sup>	n.a.	n.a.
San Marino	30-Nov-76	19,149	9,654	9,495	0.5	377
Spain	1-Mar-81	37,746,260	18,529,764	19,216,496	0.2	77
Svalbard and Jan Mayen 60	1-Nov-60	3,431	2,545	886	n.a.	n.a.
Sweden 2	1-Nov-85	8,360,178	4,128,367	4,231,811	0.6	19
Switzerland 2	2-Dec-80	6,365,960	3,114,812	3,251,148	0.8	164
Ukraine	12-Jan-89	51,704,000 <sup>2</sup>	23,959,000 <sup>2</sup>	27,745,000 <sup>2</sup>	n.a.	n.a.
United Kingdom 61	21-Apr-81	55,678,079	27,030,383	28,647,696	0.2	235
Yugoslavia 2	31-Mar-81	22,424,687	11,083,768	11,340,919	0.6	94
<b>OCEANIA:</b>						
American Samoa 18	1-Apr-80	32,297	16,384	15,913	1.1	191
Australia 10	30-Jun-86	15,602,156	7,768,313	7,833,843	1.6	2
Christmas Island	30-Jun-81	2,871	1,918	953	n.a.	n.a.
Cocos Islands	30-Jun-81	555	298	257	n.a.	n.a.
Cook Islands 62	1-Dec-86	17,614	9,188	8,426	0.3	76
Fiji	31-Dec-86	715,375	362,568	352,807	1.8	42
French Polynesia 63	6-Sep-88	188,814	98,345	90,469	3.3	53



**TABLE I-1 POPULATION BY SEX, RATE OF POPULATION INCREASE, AND DENSITY:  
LATEST AVAILABLE YEAR - Continued**

Area & Country	Latest Census				Estimated Annual Rate of Increase 1985-91	Estimated Density 1991 (per km <sup>2</sup> )
	Date	Total	Male	Female		
<b>OCEANIA (Cont'd)</b>					(%)	
Guam <sup>18</sup>	1-Apr-80	105,979	55,321	50,658	0.9	220
Kiribati <sup>64</sup>	9-May-85	63,883	n.a.	n.a.	1.0	91
Marshall Islands	13-Oct-88	43,380	n.a.	n.a.	3.6	n.a.
Micronesia, Federated States of	n.a.	n.a.	n.a.	n.a.	2.3	20,200
Nauru	22-Jan-77	7,254	n.a.	n.a.	2.0	429
New Caledonia <sup>65</sup>	4-Apr-89	164,173	83,862	80,311	1.9	9
New Zealand <sup>66</sup>	4-Mar-86	3,307,083	1,638,354	1,668,729	0.7	12
Niue	29-Oct-86	2,531	n.a.	n.a.	1.3	12
Norfolk Island	30-Jun-86	2,367	1,170	1,197	n.a.	n.a.
Northern Mariana Islands	n.a.	n.a.	n.a.	n.a.	1.5	n.a.
Pacific Islands	n.a.	n.a.	n.a.	n.a.	2.1	n.a.
Papua New Guinea <sup>67</sup>	22-Sep-80	3,010,727	1,575,672	1,435,055	2.0	8
Pitcairn	31-Dec-90	52	n.a.	n.a.	n.a.	n.a.
Samoa	3-Nov-81	156,349	81,027	75,322	0.7	60
Solomon Islands <sup>68</sup>	23-Nov-86	285,176	147,972	137,204	3.2	11
Tokelau	1-Oct-82	1,552	751	801	n.a.	n.a.
Tonga	28-Nov-86	94,649	47,611	47,038	-0.5	126
Tuvalu	27-May-79	7,300 *	n.a.	n.a.	2.0	346
Vamatu	16-May-89	142,419	73,384	69,035	3.1	13
Wallis and Futuna Islands	15-Feb-83	12,408	6,266	6,142	4.2	90

Note: \* Provisional.

- <sup>1</sup> Population per square kilometre of surface area in 1991. Figures are merely the quotients of population divided by surface area and are not to be considered either as reflecting density in the urban sense or as indicating the supporting power of a territory's land and resources.
- <sup>2</sup> De jure population.
- <sup>3</sup> Including the enclave of Cabinda.
- <sup>4</sup> Comprising Chagos Archipelago (formerly dependency of Mauritius).
- <sup>5</sup> Census of Chagos Archipelago taken 30 June 1962 gave total population of 747 persons.
- <sup>6</sup> Estimate for de jure African population based on results of a sample survey covering five per cent of the population in 549 rural villages and 10 per cent of the population of Fort-Archambault, Doba, Moundou, Koumra, Bongor and Abeche. Including estimates of the 100,000 for Fort-lamy enumerated in 1962, and 630,000 for other areas not covered by survey.
- <sup>7</sup> Including an estimated figure of 50,740 for the island of Mayotte, not covered by the census.
- <sup>8</sup> Rate not computed because of apparent lack of comparability between estimates shown for 1985 and 1991.
- <sup>9</sup> Comprising Bioko (which includes Pagalu) and Rio Muni (which includes Coriso and Elobeyas).
- <sup>10</sup> Mid-year estimates have been adjusted for under-enumeration, estimated as follows:

	% adjustment	Adjusted census total
Australia	1.8	...
Bangladesh	3.1	89,949,000 *
Bolivia	6.99	...
Brunei Darussalam	1.06	...
Guatemala	13.7	...
Guinea	...	...
Korea, Republic of	1.9	...
Mozambique	3.8	...
Netherlands Antilles	2.0	...

**TABLE I-1 POPULATION BY SEX, RATE OF POPULATION INCREASE, AND DENSITY:  
LATEST AVAILABLE YEAR - Continued**

Peru	...	...
Saint Lucia	7.24	...
Sierra Leone	10.0	3,002,426 *
South Africa	...	...
Uruguay	2.6	...

- 11 Including an estimate of 224,095 for nomad population.
- 12 Comprising the islands of Agalega and St. Brandon.
- 13 Excluding Bophuthatswana, Ciskei, Transkei and Venda.
- 14 Comprising the Northern Region (former Saguia el Hamra) and Southern Region (former Rio de Oro).
- 15 Including Carriacou and other dependencies in the Grenadines.
- 16 Including dependencies: Marie-Galante, la Désirade, les Saintes, Petite-Terre, St. Barthélemy and French part of St. Martin.
- 17 Comprising Bonaire, Curaçao, Saba, St. Eustatius and Dutch part of St. Martin.
- 18 De jure population, but including armed forces in the area.
- 19 Including Bequia and other islands in the Grenadines.
- 20 De jure population, but excluding civilian citizens absent from country for extended period of time. Census figures are also exclude armed forces overseas.
- 21 Excluding Indian jungle population.
- 22 Mid-year estimates for 24 October.
- 23 Excluding nomadic Indian Tribes.
- 24 Excluding dependencies, of which South Georgia (area 3,755 km<sup>2</sup>) had an estimated population of 499 in 1964 (494 males, 5 females). The other dependencies, namely, the South Sandwich group (surface area 337 km<sup>2</sup>) and a number of smaller islands, are presumed to be uninhabited.
- 25 A dispute exists between the governments of Argentina and the United Kingdom of Great Britain and Northern Ireland concerning sovereignty over the Falkland Islands (Malvinas).
- 26 Excluding nomad population.
- 27 Excluding transients afloat.
- 28 Excluding foreign diplomatic personnel and dependants.
- 29 This total population of China, as given in the communiqué of the State Statistical Bureau releasing the major figures of the census, includes a population of 6,130,000 for Hong Kong and Macau.
- 30 Comprising Hong Kong island, Kowloon and the New (leased) Territories.
- 31 Including data for the Indian-held part of Jammu and Kashmir, the final status of which has not yet been determined.
- 32 Figures provided by Indonesia including ocean East Timor, shown separately.
- 33 Including data for East Jerusalem and Israeli residents in certain other territories under occupation by Israeli military forces since June 1967.
- 34 Comprising Hokkaido, Honshu, Shikoku. Excluding diplomatic personnel outside the country and foreign military and civilian personnel and their dependants stationed in the area.
- 35 Including military and diplomatic personnel and their families abroad, numbering 933 at 1961 census, but excluding foreign military and diplomatic personnel and their families in the country, numbering 389 at 1961 census. Also including registered Palestinian refugees numbering 654,092 and 722,687 at 30 June 1963 and 31 May 1967, respectively.
- 36 Excluding data for Jordanian territory under occupation since June 1967 by Israeli military forces.
- 37 Excluding alien armed forces, civilian aliens employed by armed forces, foreign diplomatic personnel and their dependants and Korean diplomatic personnel and their dependants outside the country.
- 38 Excluding Palestinian refugees in camps.
- 39 Based on results of sample survey.



**TABLE I-1 POPULATION BY SEX, RATE OF POPULATION INCREASE, AND DENSITY:  
LATEST AVAILABLE YEAR - Concluded**

- 40 Comprising Macau City and islands of Taipa and Coloane.
- 41 Excluding data for Jammu and Kashmir, the final status of which has not yet been determined, Junagadh, Manavadar, Gilgit and Baltistan.
- 42 Former mandated territory administered by the United Kingdom until 1948.
- 43 Excluding United Kingdom armed forces, numbering 2,507.
- 44 Comprising that part of Palestine under Egyptian administration following the Armistice of 1949 until June 1967, when it was occupied by Israeli military forces.
- 45 Excluding transients afloat and non-locally domiciled military and civilian services personnel and their dependants and visitors, numbering 5,553, 5,187 and 8,895 respectively at 1980 census.
- 46 Including Palestinian refugees numbering 193,000 in July 1977.
- 47 Comprising 7 sheikdoms of Abu Dhabi, Dubai, Sharjah, Ajman, Umm al Qaiwain, Ras al Khaimah and Fujairah, and the area lying within the modified Riyadh line as announced in October 1955.
- 48 Including dependencies: Alderney, Brechou, Herm, Jethou, Lithou and Sark Island.
- 49 Excluding Faeroe Islands and Greenland.
- 50 Excluding Overseas Department, namely French Guiana, Guadeloupe, Martinique and Réunion, shown separately.
- 51 De jure population, but excluding diplomatic personnel outside the country and including foreign diplomatic personnel not living in embassies or consulates.
- 52 Excluding military personnel stationed outside the country who do not have a personal residence in France.
- 53 All data shown pertaining to Germany prior to 3 October 1990 are indicated separately for the Federal Republic of Germany and the former German Democratic Republic based on their respective territories at the time indicated.
- 54 Excluding armed forces.
- 55 Including armed forces stationed outside the country, but excluding alien armed forces stationed in the area.
- 56 Including armed forces stationed outside the country, but including alien armed forces stationed in the area.
- 57 Including Gozo and Comino Islands and civilian nationals temporarily outside the country.
- 58 Excluding civilian aliens within the country, but including civilian nationals temporarily outside the country.
- 59 Including the Azores and Madeira Islands.
- 60 Including the Balearic and Canary Islands, and Alhucemas, Ceuta, Chafarinas, Melilla and Penon de Vélez de la Gomera.
- 61 Inhabited only during the winter season. Census data are for total population while estimates refer to Norwegian population only. Included also in the de jure population of Norway.
- 62 Excluding Channel Islands and Isle of Man, shown separately.
- 63 Excluding Niue, shown separately, which is part of Cook Islands, but because of remoteness is administered separately.
- 64 Comprising Austral, Gambier, Marquesas, Rapa, Society and Tuamotu Islands.
- 65 Including Christmas, Fanning, Ocean and Washington Islands.
- 66 Including the islands of Huon, Chesterfield, Loyalty, Walpole and Belep Archipelago.
- 67 Including Campbell and Kermadec Islands (population 20 in 1961, surface area 148 km<sup>2</sup>) as well as Antipodes, Auckland, Bounty, Snares, Solander and Three Kings islands, all of which are uninhabited. Excluding diplomatic personnel and armed forces outside the country, the latter numbering 1,936 at 1966 census; also excluding alien armed forces within the country.
- 68 Comprising Eastern part of New Guinea, the Bismarck Archipelago, Bougainville and Buka of Solomon Islands group and about 600 smaller islands.
- 69 Comprising the Solomon Islands group (except Bougainville and Buka which are included with Papua New Guinea shown separately), Ontong, Java, Rennel and Santa Cruz Islands.

Source: United Nations, Department of International Economic and Social Affairs, Statistical Office, *Demographic Yearbook, Forty-third issue, 1991* (New York: United Nations, 1993).



TABLE I-2 ESTIMATES OF MID-YEAR POPULATION BY COUNTRY, 1982-1991

Area & Country	(In thousands)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>AFRICA:</b>										
Algeria 1	19857	20517	21169	21850	22520	23021	23646	24289	25012	25660
Angola	8141	8338	8539	8754	8983	9226	9481	9739	10020	10303
Benin	3687	3805	3925	4041	4169	4304	4446	4591	4736	4889
Botswana 1	975	1011	1048	1088	1128	1169	1210	1245	1300	1348
British Indian Ocean Territories	2	2	2	2	2	2	2	2	2	2
Burkina Faso	7285	7480	7680	7886	8097	8314	8537	8766	9001	9242
Burundi	4339	4459	4585	4718	4857	5001	5149	5302	5458	5620
Cameroon	9279	9575	9871	10166	10457	10822	11071	11540	11833	12239
Cape Verde	301	319	326	333	339	347	349	359	370	382
Central African Republic	2443	2508	2575	2608	2740	2794	2878	2989	3039	3127
Chad	4680	4788	4901	5018	5141	5268	5401	5556	5687	5819
Comoros	420	421	448	463	476	495	513	531	550	570
Congo	1771	1825	1881	1939	2000	2064	2130	2199	2271	2346
Côte d'Ivoire	8852	9300	9561	9933	10316	10712	11123	11551	11997	12464
Djibouti	372	383	405	430	456	375	386	397	409	421
Egypt	42817	43990	45195	46433	47705	49012	50549	51735	53153	54609
Equatorial Guinea	251	273	294	312	324	333	333	340	348	356
Ethiopia	32775	33680	42116	44255	45737	47189	48587	50167	51689	53383
Gabon	877	913	949	985	1021	1058	1095	1133	1172	1212
Gambia	635	702	723	745	767	790	813	837	861	884
Ghana	11472	11922	12393	12717	13050	13391	14130	14569	15028	15509
Guinea 1	4642	4410	4532	4661	4794	4931	5071	5586	5755	5931
Guinea-Bissau	814	832	850	869	889	910	932	944	964	984
Kenya	18044	18775	19536	20333	21163	22936	23883	24872	24032	25905
Lesotho	1400	1434	1468	1503	1578	1680	1675	1700	1774	1826
Liberia	1977	2043	2109	2189	2221	2349	2429	2508	2607	2705
Libyan Arab Jamahiriya 1	2986	3109	3237	3363	3495	3631	3773	4385	4545	4712
Madagascar	9333	9400	9923	9985	10564	10904	11258	11624	11197	11493
Malawi	6408	6618	6839	7059	7279	7499	7755	8022	8289	8556
Mali	7509	7741	7973	8206	7566	7696	7827	7960	8156	9507
Mauritania	1632	1675	1720	1766	1814	1864	1915	1969	2024	2036
Mauritius	993	1002	1031	1020	1030	1041	1053	1064	1075	1108
Morocco	20372	20905	21458	22025	22607	23203	23811	24431	25061	25698
Mozambique 2	12776	13112	13456	13810	14174	14548	14932	15326	15656	16084
Namibia 2	1385	1427	1471	1518	1567	1618	1671	1725	1781	1837
Niger	5977	6184	6395	6608	6823	7040	7261	7491	7731	7984
Nigeria	83619	86305	93327	95690	98168	101408	104957	105017	108542	112163
Réunion	518	527	537	546	555	565	570	578	592	608
Rwanda	5551	5757	5900	6102	6312	6530	6757	6992	7181	7491
Saint Helena	5	5	6	6	6	6	6	7	7	7
Sao Tome & Principe	98	102	104	108	110	112	115	116	121	124
Senegal	6027	6396	6369	6547	6731	6919	7113	7126	7327	7533
Seychelles	64	64	65	65	66	66	67	67	67	68
Sierra Leone 2	3415	3495	3578	3665	3754	3848	3945	4046	4151	4260
Somalia	5771	5965	6162	6370	6592	6824	7058	7285	7497	7691
South Africa 2	29542	30201	30876	31569	32278	33005	33749	34508	35282	36070
Sudan	19895	20529	21173	21822	22475	23134	23803	24492	25203	25941
Swaziland	587	603	620	638	656	711	735	761	768	817
Tanzania	19782	20412	21062	21733	22462	23217	23997	24802	25635	28359



TABLE I-2 ESTIMATES OF MID-YEAR POPULATION BY COUNTRY, 1982-1991 - Continued

Area & Country	(In thousands)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>AFRICA (cont'd):</b>										
Togo	2705	2853	2939	3028	3121	3218	3296	3422	3531	3643
Tunisia	6704	6840	7034	7261	7465	7639	7770	7910	8074	8362
Uganda	14058	14564	15093	15647	16223	16823	17449	18106	18794	19517
Western Sahara	143	147	151	155	160	164	169	173	178	183
Zaire	28119	29039	29917	30981	31499	32461	33458	34491	35562	36672
Zambia	6052	6242	6440	6725	7280	7558	7531	7804	8073	8780
Zimbabwe	7477	7740	7980	8379	8406	8640	8878	9122	9369	10019
<b>Total Africa</b>	<b>497611</b>	<b>512664</b>	<b>539917</b>	<b>556628</b>	<b>572168</b>	<b>590385</b>	<b>608498</b>	<b>624269</b>	<b>640537</b>	<b>665059</b>
<b>AMERICA:</b>										
Anguilla	7	7	7	7	7	7	7	7	7	7
Antigua & Barbuda	74	75	75	76	76	76	76	76	79	76
Argentina	29086	29505	29921	30331	30737	31137	31534	31929	32322	32713
Aruba	62	63	64	61	60	60	61	60	60	59
Bahamas	219	224	229	232	236	240	245	249	253	258
Barbados	250	251	252	253	253	254	254	255	255	255
Belize	153	158	162	166	170	175	180	183	187	194
Bermuda 1,3	55	55	56	56	57	57	59	60	61	61
Bolivia 2	5916	6082	6253	6429	6611	6799	6993	7193	7400	7612
Brazil 4	126898	129766	132659	135564	138493	141452	144428	147404	150368	153322
British Virgin Is.	11	12	12	12	12	12	12	13	13	13
Canada 1	24583	24787	24978	25165	25353	25617	25911	26240	26603	26992
Cayman Islands	19	20	21	21	22	23	24	26	27	26
Chile	11519	11717	11919	12122	12327	12536	12748	12961	13173	13368
Colombia 5	26965	27502	28056	28624	29188	29729	30241	32348	32987	33613
Costa Rica 1	2424	2496	2569	2642	2716	2781	2851	2922	2994	3064
Cuba 1	9801	9897	9994	10098	10199	10301	10412	10523	10634	10736
Dominica	76	77	79	80	81	81	81	82	82	83
Dominican Rep.	5980	6123	6269	6416	6565	6716	6867	7012	7170	7321
Ecuador 6	8606	8857	9115	9378	9647	9923	10204	10490	9648	10851
El Salvador	4662	4724	4780	4856	4948	5054	5090	5193	5252	5376
Falkland Islands	2	2	2	2	2	2	2	2	2	2
French Guiana 1	75	80	85	90	95	100	105	111	98	102
Greenland 1	52	52	53	53	54	54	55	56	56	56
Grenada	89	91	94	91	97	97	86	85	85	84
Guadeloupe 1	331	336	342	349	356	364	372	381	343	345
Guatemala 2	7315	7524	7740	7963	8195	8434	8681	8935	9197	9467
Guyana	773	780	786	790	792	793	793	794	796	800
Haiti 1	5558	5660	5762	5865	5989	6113	6238	6362	6486	6625
Honduras	3955	4092	4232	4372	4514	4656	4802	4951	5105	5265
Jamaica	2190	2241	2280	2311	2340	2350	2360	2390	2420	2366
Martinique 1	329	331	334	337	341	345	350	356	362	343
Mexico 1	73020	74670	76308	77938	79567	81199	82839	84489	86154	87836
Montserrat	12	12	12	12	12	12	12	12	12	12
Netherlands Antilles	177	178	180	181	182	191	190	190	190	189
Nicaragua	2955	3058	3163	3272	3384	3501	3622	3745	3871	3999
Panama	2044	2089	2134	2180	2227	2274	2322	2370	2418	2466
Paraguay	3358	3468	3580	3693	3807	3922	4039	4157	4277	4397
Peru 2,4	18144	18568	18992	19417	19840	20261	20684	21113	21550	21998
Puerto Rico 1,7	3263	3265	3270	3283	3313	3427	3460	3494	3599	3605
Saint Kitts & Nevis	45	46	45	44	44	43	44	44	44	44
St Lucia	129	131	134	137	140	142	145	148	150	153
St Pierre and Miquelon	6	6	6	6	6	6	6	6	6	6



TABLE I-2 ESTIMATES OF MID-YEAR POPULATION, BY COUNTRY, 1982-1991 - Continued

Area & Country	(In thousands)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>AMERICA (cont'd):</b>										
St Vincent										
Grenadines	105	107	108	109	111	112	113	114	116	117
Suriname	364	367	375	383	390	398	406	400	422	429
Trinidad & Tobago	1116	1139	1170	1178	1196	1212	1212	1213	1227	1253
Turks & Caicos Is.	8	8	8	9	9	9	9	10	10	10
United States 1,3	232192	234321	236370	238492	240680	242836	245057	247343	249924	252688
U. S. Virgin Islands	102	104	108	109	110	106	113	103	116	118
Uruguay 2	2951	2970	2989	3008	3025	3042	3060	3077	3096	3112
Venezuela 4	15940	16394	16851	17317	17526	17974	18422	18872	19325	20226
<b>Total America</b>	<b>633966</b>	<b>644488</b>	<b>654983</b>	<b>665580</b>	<b>676102</b>	<b>687005</b>	<b>697877</b>	<b>710549</b>	<b>721032</b>	<b>734113</b>
<b>ASIA:</b>										
Afghanistan 9	16786	17222	17672	18136	18614	15219	15513	15814	16121	16430
Bahrain	374	391	407	425	442	458	473	489	503	516
Bangladesh 2	92585	94651	97273	99434	101673	102563	104532	106507	115593	118745
Bhutan	1289	1312	1336	1362	1390	1419	1451	1483	1516	1551
Brunei -										
Darussalam 2	200	208	216	222	226	234	241	249	266	273
Cambodia 10	6606	6822	7059	7284	7490	7683	7869	8055	8246	8442
China 11	1020633	1032972	1045848	1059522	1074136	1089631	1105811	1122370	1139060	1155795
Cyprus 1	641	649	657	665	673	680	688	695	702	710
East Timor	596	616	638	659	676	692	707	722	737	752
Hong Kong	5265	5345	5398	5456	5533	5613	5681	5761	5801	5912
India 12	705000	720000	736000	750859	766135	781374	796596	811717	827060	849638
Indonesia	154662	158083	161580	164630	168348	172010	175589	179136	179300	187765
Iran, Islamic Rep of	42480	44181	45960	47820	49445	51084	52522	54203	54607	55762
Iraq 13	14110	14586	15077	15585	16110	16330	17250	18279	17373	19581
Israel 1,14	4027	4106	4159	4233	4299	4369	4442	4518	4660	4975
Japan 15	118480	119307	120083	120837	121492	122091	122613	123166	123537	123921
Jordan 16	3097	3196	3299	3407	3518	3633	3753	3878	4009	4145
Korea, Dem Rep of	18901	19222	19549	19888	20238	20601	20977	21367	21773	22193
Korea, Rep. of 17	39326	39910	40406	40806	41184	41575	41975	42380	42869	43268
Kuwait	1497	1566	1637	1712	1791	1873	1958	2048	2143	2101
Lao People's										
Democratic Rep	3334	3414	3501	3594	3692	3796	3905	4019	4139	4262
Lebanon 18	2656	2660	2665	2668	2666	2663	2663	2674	2701	2745
Macau 1	308	332	359	392	415	429	439	448	479	497
Malaysia	14507	14888	15270	15681	16109	16528	16942	17353	17763	18333
Maldives	163	168	173	184	189	195	200	206	215	223
Mongolia	1746	1788	1832	1878	1925	1973	2021	2070	2190	2250
Myanmar	35910	36747	37614	38541	39411	39141	39966	40810	41675	42561
Nepal	15423	15833	16255	16687	17131	17557	17994	18442	18916	19605
Oman	1086	1138	1190	1242	1293	1344	1395	1447	1502	1559
Pakistan 19	87758	90480	93286	96180	99163	102238	105409	108678	112049	115524
Philippines 1	50783	52055	53351	54668	56004	57356	58721	60097	61480	62868
Qatar	256	270	284	299	313	326	428	456	486	381
Saudi Arabia	10247	10686	11113	11595	12073	13612	14016	14435	14870	14691
Singapore 20	2472	2502	2529	2558	2586	2613	2647	2685	2705	2763
Sri Lanka	15195	15417	15603	15842	16117	16361	16586	16806	16993	17240
Syrian Arab Rep 21	9298	9611	9934	10267	10612	10969	11338	11719	12116	12993
Thailand	48709	49680	50637	51580	52511	53427	54326	55214	56082	56923
Turkey	46547	47715	48978	50231	51682	53246	54930	56741	58687	60777
United Arab										
Emirates	1172	1206	1294	1349	1403	1453	1501	1546	1589	1629



TABLE I-2 ESTIMATES OF MID-YEAR POPULATION, BY COUNTRY, 1982-1991 - Continued

Area & Country	(In thousands)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>ASIA (cont'd):</b>										
Viet Nam	56115	57358	58620	59902	61109	62452	63727	64774	66233	68183
Yemen	8838	9140	9454	9785	10131	10491	10866	11255	11656	12302
<b>Total Asia</b>	<b>2659078</b>	<b>2707433</b>	<b>2758196</b>	<b>2808065</b>	<b>2859948</b>	<b>2907302</b>	<b>2960661</b>	<b>3014712</b>	<b>3070402</b>	<b>3140784</b>
<b>EUROPE:</b>										
Albania	2780	2838	2897	2957	3016	3076	3138	3199	3250	3301
Andorra	40	42	43	45	47	48	50	50	52	58
Austria 1	7571	7548	7552	7555	7565	7573	7595	7618	7718	7823
Belarus	9803	9872	9938	9999	10058	10111	10767	10229	10278	n.a.
Belgium 1	9856	9856	9855	9858	9862	9870	9883	9847	9845	9844
Bulgaria	8917	8940	8961	8960	8958	8971	8981	8989	8991	8982
Channel Islands	130	131	132	133	136	136	140	142	138	143
Czechoslovakia	15369	15414	15458	15499	15534	15572	15607	15638	15661	15583
Denmark 1,2	5118	5114	5112	5114	5121	5127	5130	5133	5140	5148
Faeroe Islands 1	44	45	45	46	46	47	47	47	47	47
Finland 1	4827	4856	4882	4902	4918	4932	4946	4964	4986	5029
France 1,2	54480	54728	54947	55170	55394	55630	55884	56160	56440	57049
Germany 1	78283	78081	77796	77619	77635	77718	78116	78677	79365	80334
Gibraltar 24	29	29	29	29	29	29	30	31	31	30
Greece 25	9790	9847	9896	9934	9966	9983	10004	10033	10123	10063
Holy See	1	1	1	1	1	1	1	1	1	1
Hungary	10683	10656	10619	10579	10534	10486	10443	10398	10365	10344
Iceland	234	237	239	241	243	246	250	253	255	258
Ireland 26	3480	3504	3529	3540	3541	3543	3538	3515	3503	3523
Isle of Man	64	64	64	63	63	64	67	68	68	70
Italy 1	56639	56836	57005	57141	57246	57345	57441	57541	57663	57052
Liechtenstein	26	26	27	27	27	28	28	28	28	28
Luxembourg 1	366	366	366	367	368	371	373	377	381	373
Malta 27	325	328	331	336	344	344	347	351	354	357
Monaco 1	26	27	27	27	27	27	28	28	28	28
Netherlands 1	14310	14362	14420	14484	14564	14665	14758	14849	14952	15065
Norway 1	4115	4128	4140	4153	4167	4187	4209	4227	4241	4262
Poland 28	36227	36571	36914	37203	37456	37664	37862	37963	38119	38244
Portugal	9864	9884	9898	9904	9904	9900	9893	9883	9868	10582
Romania	22478	22553	22625	22725	22823	22940	23054	23152	23207	23193
San Marino	22	22	22	22	23	23	23	23	23	23
Spain 1	37970	38162	38328	38474	38604	38716	38809	38888	38959	39025
Sweden 1	8325	8329	8337	8350	8370	8398	8436	8493	8559	8635
Switzerland 1	6391	6419	6442	6470	6504	6545	6593	6647	6712	6791
Ukraine	50384	50564	50754	50917	51097	51293	51550	51750	51872	n.a.
United Kingdom	56306	56347	56460	56618	56763	56930	57065	57236	57411	57367
USSR, Former 29	269901	272368	274874	277334	280016	282830	285419	286731	288595	291848 3
Yugoslavia	22642	22805	22966	23124	23274	23417	23566	23695	23809	23928
<b>Total Europe</b>	<b>757629</b>	<b>761464</b>	<b>765239</b>	<b>769004</b>	<b>773089</b>	<b>777382</b>	<b>781754</b>	<b>784875</b>	<b>788888</b>	<b>794431</b>
<b>OCEANIA:</b>										
<b>American</b>										
Samoa 1,7	34	34	35	36	36	37	37	38	38	38
Australia 1,2	15178	15379	15556	15788	16018	16263	16538	16833	17085	17336
Christmas Island	3	3	n.a.	2	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Cocos Islands	n.a.	n.a.	n.a.	1	1	n.a.	n.a.	n.a.	n.a.	n.a.
Cook Islands	17	17	18	18	17	18	18	18	18	18
Fiji	663	672	686	697	714	721	739	752	731	776



**TABLE I-2 ESTIMATES OF MID-YEAR POPULATION, BY COUNTRY, 1982-1991 - Continued**

Area & Country	(In thousands)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>OCEANIA (cont'd):</b>										
French Polynesia	158	163	170	174	179	183	188	193	206	212
Guam <sup>1,7</sup>	111	116	120	113	124	126	116	117	118	119
Kiribati	60	61	63	62	63	64	64	65	66	66
Marshall Islands	34	36	37	39	40	42	43	44	46	48
Micronesia, Fed St of	80	83	85	88	90	92	94	96	99	101
Nauru	8	8	8	8	9	9	9	9	9	9
New Caledonia	144	145	148	151	154	158	161	164	167	170
New Zealand <sup>11</sup>	3156	3199	3227	3247	3248	3280	3292	3312	3347	3380
Niue	3	3	3	3	3	2	3	3	3	3
Northern Mariana Isles	18	19	19	20	21	20	21	25	26	22
Pacific Islands	14	14	15	15	16	16	16	14	17	17
Papua New Guinea	3111	3185	3261	3337	3407	3482	3557	3630	3699	3772
Samoa	158	159	161	162	164	165	162	163	164	169
Solomon Islands	242	252	262	272	281	290	299	310	320	330
Tokelau	2	2	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Tonga	95	96	96	97	96	96	95	95	95	94
Tuvalu	8	8	8	8	8	9	9	9	9	9
Vanuatu	124	128	132	136	140	145	150	155	147	163
Wallis & Futuna Is.	12	13	13	14	15	15	16	17	17	18
<b>Total Oceania</b>	<b>23433</b>	<b>23795</b>	<b>24123</b>	<b>24488</b>	<b>24844</b>	<b>25233</b>	<b>25627</b>	<b>26062</b>	<b>26427</b>	<b>26870</b>
<b>World Total</b>	<b>4571717</b>	<b>4649844</b>	<b>4742458</b>	<b>4823765</b>	<b>4906151</b>	<b>4987307</b>	<b>5074417</b>	<b>5160467</b>	<b>5247286</b>	<b>5361257</b>

<sup>1</sup> De jure population.

<sup>2</sup> Data have been adjusted for underenumeration, at latest census.

<sup>3</sup> Excluding persons residing in institutions.

<sup>4</sup> Excluding Indian jungle population.

<sup>5</sup> Estimates are for 24 October of year stated.

<sup>6</sup> Excluding nomadic Indian tribes.

<sup>7</sup> Including armed forces stationed in the area.

<sup>8</sup> Excluding civilian citizens absent from country for extended period of time.

<sup>9</sup> For the years 1987-1991, data exclude nomad population.

<sup>10</sup> Excluding foreign diplomatic personnel and their dependants.

<sup>11</sup> Figures include those for Taiwan Province.

<sup>12</sup> Including data for the Indian-held part of Jammu and Kashmir, the final status of which has not yet been determined.

<sup>13</sup> Estimates are for 14 October of year stated.

<sup>14</sup> Including data for East Jerusalem and Israeli residents in certain other territories under occupation by Israeli military forces since June 1967.

<sup>15</sup> Excluding diplomatic personnel outside the country, and foreign military and civilian personnel and their dependants stationed in the area.

<sup>16</sup> Including registered Palestinian refugees, numbering at mid-year 1965 and 1966, 688,327 and 706,568, respectively, and 722,687 at 31 May 1967.

<sup>17</sup> Excluding alien armed forces, civilian aliens employed by armed forces, and foreign diplomatic personnel and their dependants and Korean diplomatic personnel and their dependants stationed outside the country.

**TABLE I-2 ESTIMATES OF MID-YEAR POPULATION BY COUNTRY, 1982-1991 - Concluded**

- <sup>18</sup> For Lebanese nationals on population register, including those living outside the country. Excluding non-resident foreigners and registered Palestinian refugees, the latter numbering at mid-year 1972, 1973 and 1977, 184,043, 187,529 and 200,000 respectively.
- <sup>19</sup> Excluding data for Jammu and Kashmir, the final status of which has not yet been determined, Junagardh, Manavador, Gilgit and Baltistan.
- <sup>20</sup> Excluding transients afloat and non-locally domiciled military and civilian services personnel and their dependants and visitors, numbering 5,553, 5,187 and 8,985, respectively at 1980 census.
- <sup>21</sup> Including Palestinian refugees numbering at end-year 1967 and 1968, 163,041 and 149,537, respectively, and at mid-year 1971 and 1977, 163,809 and 193,000, respectively.
- <sup>22</sup> Excluding Faeroe Islands and Greenland, shown separately.
- <sup>23</sup> Excluding diplomatic personnel outside the country and including foreign diplomatic personnel not living in embassies or consulates.
- <sup>24</sup> Excluding armed forces.
- <sup>25</sup> Excluding armed forces stationed outside the country, but including alien armed forces stationed in the area.
- <sup>26</sup> Estimates are for 15 April of year stated.
- <sup>27</sup> Including civilian nationals temporarily outside the country.
- <sup>28</sup> Excluding civilian aliens within the country, and including civilian nationals temporarily outside the country.
- <sup>29</sup> Data include Belarus and Ukraine.
- <sup>30</sup> In-house estimate. It is derived from a regression straight line, using the least squares method, applied to the reported population over the period 1981-1989.
- <sup>31</sup> Excluding diplomatic personnel and armed forces stationed outside the country, the latter numbering 1,936 at census; also excluding alien armed forces within the country.

**Source:** United Nations, Department of International Economic and Social Affairs, Statistical Office, Demographic Yearbook, Forty-second and Forty-third issues, 1990 and 1991.



**TABLE I-3 VITAL STATISTICS RATES, NATURAL INCREASE RATES AND EXPECTATION OF LIFE AT BIRTH: LATEST AVAILABLE YEAR**

Area & Country	Year	Live Births	Deaths	Natural Increase**	Expectation of Life at Birth		
					Date	Male	Female
AFRICA:		Rates per 1 000					
Algeria	1985-90	35.5 <sup>1</sup>	8.3 <sup>1</sup>	27.2 <sup>1</sup>	1983	61.57	63.32
Angola <sup>1</sup>	1985-90	47.2	20.2	27.0	1985-90	42.90	46.10
Benini	1985-90	49.2	19.3	29.9	1985-90	44.40	47.60
Botswana <sup>1</sup>	1985-90	48.5 <sup>1</sup>	11.6 <sup>1</sup>	36.9 <sup>1</sup>	1981	52.32	59.70
Burkina Faso <sup>1</sup>	1985-90	47.1	18.4	28.7	1985-90	45.60	48.90
Burundi <sup>1</sup>	1985-90	47.6	17.9	29.7	1985-90	45.90	49.20
Cameroon <sup>1</sup>	1985-90	47.5	14.9	32.6	1985-90	51.00	54.00
Cape Verde	1985	37.9	8.2	29.7	1979-81	58.95	61.04
Central African Republic <sup>1</sup>	1985-90	45.5	17.8	27.7	1985-90	46.00	51.00
Chad <sup>1</sup>	1985-90	44.2	19.5	24.7	1985-90	43.90	47.10
Comoros <sup>1</sup>	1985-90	47.5	13.0	34.5	1985-90	53.50	54.50
Congo <sup>1</sup>	1985-90	46.1	14.6	31.5	1985-90	50.10	55.30
Côte d'Ivoire <sup>1</sup>	1985-90	49.9	14.5	35.4	1985-90	50.80	54.20
Djibouti <sup>1</sup>	1985-90	46.5	17.8	28.7	1985-90	45.40	48.70
Egypt	1985	37.9	8.5	29.4	1985-90	57.80 <sup>1</sup>	60.30 <sup>1</sup>
Equatorial Guinea	1985-90	43.8 <sup>1</sup>	19.6 <sup>1</sup>	24.2 <sup>1</sup>	1981	44.86	47.78
Ethiopia <sup>1</sup>	1985-90	48.6	20.7	27.9	1985-90	42.40	45.60
Gabon <sup>1</sup>	1985-90	39.4	16.8	22.6	1985-90	49.90	53.20
Gambia <sup>1</sup>	1985-90	47.4	21.4	26.0	1985-90	41.40	44.60
Ghana <sup>1</sup>	1985-90	44.4	13.1	31.3	1985-90	52.20	55.80
Guinea <sup>1</sup>	1985-90	51.0	22.0	29.0	1985-90	42.00	43.00
Guinea-Bissau	1985-90	42.9 <sup>1</sup>	23.0 <sup>1</sup>	19.9 <sup>1</sup>	1985-90	39.90 <sup>1</sup>	43.10 <sup>1</sup>
Kenya <sup>1</sup>	1985-90	47.0	11.3	35.7	1985-90	56.50	60.50
Lesotho <sup>1</sup>	1985-90	40.8	12.4	28.4	1985-90	51.50	60.50
Liberia <sup>1</sup>	1985-90	47.3	15.8	31.5	1985-90	52.00	54.00
Libyan Arab Jamahiriya	1985-90	44.0 <sup>1</sup>	9.4 <sup>1</sup>	34.6 <sup>1</sup>	1985-90	59.10 <sup>1</sup>	62.50 <sup>1</sup>
Madagascar <sup>1</sup>	1985-90	45.8	14.0	31.8	1985-90	52.00	55.00
Malawi	1985-90	56.3 <sup>1</sup>	20.6 <sup>1</sup>	35.7 <sup>1</sup>	1982	40.20	43.30
Mali	1987 <sup>2</sup>	48.7	12.5	36.2	1976 <sup>2</sup>	44.91	49.66
Mauritania <sup>1</sup>	1985-90	46.2	19.0	27.2	1985-90	44.40	47.60
Mauritius <sup>1</sup> -	1985-90	18.6	6.4	12.2	1985-90	66.40	71.70
Island of Mauritius	1991	20.7	6.6	14.1	1985-90	65.01	72.96
Rodrigues	1990	21.2	4.7	16.5	1981-85	64.47	68.95
Morocco <sup>1</sup>	1985-90	35.5	9.8	25.7	1985-90	59.10	62.50
Mozambique <sup>1</sup>	1985-90	45.0	18.5	26.5	1985-90	44.90	48.10
Namibia <sup>1</sup>	1985-90	44.0	12.1	31.9	1985-90	55.00	57.50
Niger <sup>1</sup>	1985-90	51.7	20.4	31.3	1985-90	42.90	46.10
Nigeria <sup>1</sup>	1985-90	48.5	15.6	32.9	1985-90	48.80	52.20
Réunion	1990	23.5	5.4	18.1	1985-90	67.00 <sup>1</sup>	75.30 <sup>1</sup>
Rwanda	1985-90	51.2 <sup>1</sup>	17.2 <sup>1</sup>	34.0 <sup>1</sup>	1978	45.10	47.70
Saint Helena ex. dep.	1990	9.3	5.0	4.3	n.a.	n.a.	n.a.
Ascension	1981	14.6 *	2.0 *	12.6 *	n.a.	n.a.	n.a.
Tristan da Cunha	1991	13.8 *	3.4 *	10.4 *	n.a.	n.a.	n.a.
Sao Tome and Principe	1991	35.0	10.2	4.4	n.a.	n.a.	n.a.
Senegal <sup>1</sup>	1985-90	45.5	17.7	-3.9	1985-90	46.30	48.30
Seychelles	1991	25.1	8.0	27.0	1981-85	65.26	74.05
Sierra Leone <sup>1</sup>	1985-90	48.2	23.4	22.1	1985-90	39.40	42.60
Somalia <sup>1</sup>	1985-90	50.1	20.2	4.9	1985-90	43.40	46.60
South Africa <sup>1</sup>	1985-90	32.1	9.9	38.3	1985-90	57.50	63.50
Sudan <sup>1</sup>	1985-90	44.6	15.8	34.3	1985-90	48.60	51.00
Swaziland <sup>1</sup>	1985-90	46.8 <sup>1</sup>	12.5 <sup>1</sup>	34.3 <sup>1</sup>	1976	42.90	49.50



**TABLE I-3 VITAL STATISTICS RATES, NATURAL INCREASE RATES AND EXPECTATION OF LIFE AT BIRTH: LATEST AVAILABLE YEAR - Continued**

Area & Country	Year	Live Births	Deaths	Natural Increase**	Expectation of Life at Birth		
					Date	Male	Female
<b>AFRICA (Cont'd):</b>		Rates per 1 000					
Togo 1	1985-90	44.7	14.1	30.6	1985-90	51.30	54.80
Tunisia	1985-90	31.1 1	7.3 1	23.8 1	1985-90	64.90 1	66.40 1
Uganda 1	1985-90	52.2	15.6	36.6	1985-90	49.40	52.70
United Republic of Tanzania 1	1985-90	50.5	14.0	36.5	1985-90	51.30	54.70
Zaire 1	1985-90	45.6	14.2	31.4	1985-90	50.30	53.70
Zambia	1985-90	51.1 1	13.7 1	37.4 1	1980	50.36	52.46
Zimbabwe 1	1985-90	41.7	10.3	31.4	1985-90	56.50	60.10
<b>AMERICA, NORTH:</b>							
Anguilla	1985	25.3	10.4	14.9	n.a.	n.a.	n.a.
Antigua and Barbuda	1987	13.1	4.4	8.7	n.a.	n.a.	n.a.
Aruba	1988	15.6	5.5	10.1	1972-78	68.30	75.40
Bahamas	1990	19.2	4.5	14.7	n.a.	n.a.	n.a.
Barbados	1989	15.7	8.9	6.8	1980	67.15	72.46
Belize	1991	31.1	3.6	27.5	1980	69.85	71.78
Bermuda	1990	14.8	7.3	7.5	1980	68.81	76.28
British Virgin Islands	1989	19.5	6.1	13.4	n.a.	n.a.	n.a.
Canada	1991	15.3	7.3	8.0	1985-87	73.02	79.79
Cayman Islands	1990	17.9	4.4	13.5	n.a.	n.a.	n.a.
Costa Rica	1990	27.4	3.8	23.6	1985-90	72.40	77.00
Cuba	1991	16.2	6.6	9.6	1986-87	72.74	76.34
Dominica	1988	21.3	5.2	16.1	n.a.	n.a.	n.a.
Dominican Republic	1985-90	31.3 1	6.8 1	24.5 1	1985-90	63.90 1	68.10 1
El Salvador	1985-90	36.3 1	8.5 1	27.8 1	1985	50.74	63.89
Greenland	1989	21.8	8.2	13.6	1981-85	60.40	66.30
Grenada	1979	24.5	6.8	17.7	n.a.	n.a.	n.a.
Guadeloupe	1986	17.9	6.3	11.6	1975-79	66.40	72.40
Guatemala	1988	39.3	7.5	31.8	1979-80	55.11	59.43
Haiti 1	1985-90	36.2	13.2	23.0	1985-90	53.10	46.40
Honduras	1985-90	39.8 1	8.1 1	31.7 1	1985-90	61.90 1	66.10 1
Jamaica	1990	24.6	5.0	19.6	1985-90	70.40 1	74.80 1
Martinique	1990	17.8	6.1	11.7	1975	67.00	73.50
Mexico	1985-90	29.0 1	5.8 1	23.2 1	1979	62.10	66.00
Montserrat	1986	16.8	10.3	6.5	n.a.	n.a.	n.a.
Netherlands Antilles	1990	18.9	6.4	12.5	1981	71.13	75.75
Nicaragua	1985-90	41.8 1	8.0 1	33.8 1	1990	64.80	67.71
Panama	1985-90	26.7 1	5.2 1	21.5 1	1985-90	70.15	74.10
Puerto Rico	1990	18.5	7.3	11.2	1988	70.17	78.53
Saint Kitts and Nevis	1988	21.3	10.5	10.8	1988	65.87	70.98
Saint Lucia	1989	21.3	5.5	15.8	1986	68.00	74.80
St Pierre and Miquelon	1983	13.5	4.2 *	9.3	n.a.	n.a.	n.a.
St Vincent and Grenadines	1986	24.5	5.9	18.6	n.a.	n.a.	n.a.
Trinidad and Tobago	1989	20.7	6.8	13.9	1980-85	66.88	71.62
Turks and Caicos Islands	1980	28.9	2.0 *	26.9	n.a.	n.a.	n.a.
United States	1991	16.3	8.6	7.7	1989	71.80	78.60
United States Virgin Islands	1991	22.3	4.5	17.8	n.a.	n.a.	n.a.
<b>AMERICA, SOUTH:</b>							
Argentina	1990	21.7	7.9	13.8	1980-1981	65.48	72.70
Bolivia	1975	46.6 3	18.0 3	28.6 3	1985-90	50.90 1	55.40 1
Brazil	1985-90	28.6 1	7.9 1	20.7 1	1985-90	62.30 1	67.60 1
Chile	1990	22.2	6.0	16.2	1985-90	68.05	75.05



**TABLE I-3 VITAL STATISTICS RATES, NATURAL INCREASE RATES AND EXPECTATION OF LIFE AT BIRTH: LATEST AVAILABLE YEAR - Continued**

Area & Country	Year	Live Births	Deaths	Natural Increase**	Expectation of Life at Birth		
					Date	Male	Female
AMERICA, SOUTH (Cont'd):		Rates per 1 000					
Columbia	1985-90	27.4 <sup>1</sup>	6.1 <sup>1</sup>	21.3 <sup>1</sup>	1980-85	63.39	69.23
Ecuador	1985-90	32.9 <sup>1</sup>	7.4 <sup>1</sup>	25.5 <sup>1</sup>	1985	63.39	67.59
Falkland Islands	1988	7.5 <sup>*</sup>	11.7 <sup>*</sup>	-4.2 <sup>*</sup>	n.a.	n.a.	n.a.
French Guiana	1986	25.2	5.2	20.0	n.a.	n.a.	n.a.
Guyana <sup>1</sup>	1985-90	26.9	7.8	19.1	1985-90	60.40	66.10
Paraguay	1985-90	34.8 <sup>1</sup>	6.6 <sup>1</sup>	28.2 <sup>1</sup>	1980-85	64.42	68.51
Peru	1990	34.1	8.6	25.5	1990	62.93	66.58
Suriname	1982	31.0	6.5	24.5	1985-90	66.40 <sup>1</sup>	71.30 <sup>1</sup>
Uruguay	1990	18.3	9.9	8.4	1984-86	68.43	74.88
Venezuela	1989	28.0	4.5	23.5	1985	66.68	72.80
ASIA:							
Afghanistan <sup>1</sup>	1985-90	49.3	23.0	26.3	1985-90	41.00	42.00
Armenia	1989	22.9	6.3	16.6	1989	69.00	74.70
Azerbaijan	1989	25.6	6.2	19.4	1989	66.60	74.20
Bahrain	1985-90	28.4 <sup>1</sup>	3.8 <sup>1</sup>	24.6 <sup>1</sup>	1986-91	66.83	69.43
Bangladesh	1985-90	42.2 <sup>1</sup>	15.5 <sup>1</sup>	26.7 <sup>1</sup>	1988	56.91	55.97
Bhutan <sup>1</sup>	1985-90	38.3	16.8	21.5	1985-90	48.60	47.10
Brunei Darussalam	1989	27.8	3.3	24.5	1981	70.13	72.69
Cambodia <sup>1</sup>	1985-90	41.4	16.6	24.8	1985-90	47.00	49.90
China <sup>1</sup>	1985-90	21.2	6.7	14.5	1985-90	68.00	70.90
Cyprus	1991	18.6	8.8	9.8	1985-89	73.92	78.33
East Timor <sup>1</sup>	1985-90	43.8	21.5	22.3	1985-90	41.60	43.40
Georgia	1989	16.7	8.6	8.1	1989	68.10	75.70
Hong Kong	1990	11.7	4.9	6.8	1989	74.25	80.05
India	1985-90	29.9 <sup>4</sup>	9.6 <sup>4</sup>	20.3	1981-85	55.40	55.67
Indonesia	1985-90	28.6	9.4	19.2	1985-90	58.50 <sup>1</sup>	62.00 <sup>1</sup>
Iran, Islamic Rep of	1974-75	42.5 <sup>5</sup>	11.5 <sup>5</sup>	31.0 <sup>5</sup>	1976	55.75 <sup>6</sup>	55.04 <sup>6</sup>
Iraq	1985-90	42.6 <sup>1</sup>	7.8 <sup>1</sup>	14.4 <sup>1</sup>	1985-90	63.00 <sup>1</sup>	64.80 <sup>1</sup>
Israel <sup>7</sup>	1990	22.2	6.2	3.7	1989	74.56	78.10
Japan	1991	9.9	6.7	32.2	1990	75.86	81.81
Jordan	1985-90	38.9 <sup>1</sup>	6.4 <sup>1</sup>	16.6 <sup>1</sup>	1985-90	64.20 <sup>1</sup>	67.80 <sup>1</sup>
Kazakhstan	1989	23.0	7.6	15.9	1989	63.90	73.10
Korea, Dem. People's Rep. of <sup>1</sup>	1985-90	23.5	5.4	9.1	1985-90	66.20	72.70
Korea, Republic of	1989 <sup>8</sup>	14.5	5.4	22.6	1989	66.92	74.96
Kuwait	1987	28.0	2.2	28.2	1985-90	71.20 <sup>1</sup>	75.40
Kyrgyzstan	1989	30.4	7.2	37.9	1989	64.30	72.40
Lao People's Dem. Rep. <sup>1</sup>	1985-90	45.1	16.9	14.8	1985-90	47.00	50.00
Lebanon <sup>1</sup>	1985-90	31.7	8.7	8.2	1985-90	63.10	67.00
Macau	1989	16.9	3.4	24.6	1988	75.01	80.26
Malaysia -	1990	28.0	4.7	21.5	1985-90	67.50 <sup>1</sup>	71.60 <sup>1</sup>
Peninsular Malaysia	1989	26.2	4.9	35.5	1990	69.46	73.85
Sabah	1986	40.4	4.0	23.5	n.a.	n.a.	n.a.
Sarawak	1986	27.5	3.4	37.8	n.a.	n.a.	n.a.
Maldives	1988	41.2	7.6	28.5	1985	62.20	59.48
Mongolia	1985-90	36.1 <sup>1</sup>	8.8 <sup>1</sup>	21.8 <sup>1</sup>	1985-90	60.00 <sup>1</sup>	62.50 <sup>1</sup>
Myanmar <sup>1</sup>	1985-90	30.6	9.7	29.9	1978	58.93	63.66
Nepal	1985-90	39.6 <sup>1</sup>	14.8 <sup>1</sup>	30.8 <sup>1</sup>	1981	50.88	48.10
Oman <sup>1</sup>	1985-90	45.6	7.8	-7.8	1985-90	62.20	65.80
Pakistan <sup>6</sup>	1988	30.3	8.1	22.2	1976-78	59.04	59.20
Philippines	1985-90	33.2 <sup>1</sup>	7.7 <sup>1</sup>	25.5 <sup>1</sup>	1989	62.50	66.10
Qatar	1990	22.7	1.8	20.9	1985-90	66.90 <sup>1</sup>	71.80 <sup>1</sup>



**TABLE I-3 VITAL STATISTICS RATES, NATURAL INCREASE RATES AND EXPECTATION OF LIFE AT BIRTH: LATEST AVAILABLE YEAR - Continued**

Area & Country	Year	Live Births	Deaths	Natural Increase**	Expectation of Life at Birth		
					Date	Male	Female
<b>ASIA (Cont'd):</b>		<b>Rates per 1 000</b>					
Saudi Arabia <sup>1</sup>	1985-90	42.1	7.6	34.5	1985-90	61.70	65.20
Singapore	1991	17.8	5.0	12.8	1980	68.70	74.00
Sri Lanka	1989	21.3	6.2	15.1	1981	67.78	71.66
Syrian Arab Republic	1985-90	44.6 <sup>1</sup>	7.0 <sup>1</sup>	37.6 <sup>1</sup>	1981	64.42	68.05
Tajikistan	1989	38.7	6.4	32.3	1989	66.80	71.70
Thailand	1990	20.4 <sup>2</sup>	6.0 <sup>2</sup>	14.4 <sup>2</sup>	1985-86	63.82	68.85
Turkey	1989 <sup>2</sup>	26.1	7.5	18.6	1985-90	62.50 <sup>1</sup>	65.80 <sup>1</sup>
Turkmenistan	1989	34.9	7.7	27.2	1989	61.80	68.40
United Arab Emirates <sup>1</sup>	1985-90	22.8	3.8	19.0	1985-90	68.60	72.90
Uzbekistan	1989	33.3	6.3	27.0	1989	66.00	72.10
Viet Nam	1985-90	31.8 <sup>1</sup>	9.5 <sup>1</sup>	22.3 <sup>1</sup>	1979	63.66	67.89
Yemen	1990	51.2	21.2	30.0	n.a.	n.a.	n.a.
Former Dem. Yemen <sup>1</sup>	1985-90	47.3	15.8	31.5	1985-90	49.40	52.40
Former Yemen Arab Rep. <sup>1</sup>	1985-90	53.6	16.1	37.5	1985-90	50.00	50.00
<b>EUROPE:</b>							
Albania	1989	24.7	5.7	19.0	1988-89	69.60	75.50
Andorra	1991	11.7	3.8	7.9	n.a.	n.a.	n.a.
Austria	1991	12.0	10.6	1.4	1990	72.50	79.02
Belarus	1989	15.0	10.1	4.9	1989	66.80	76.40
Belgium	1988	12.0	10.6	1.4	1979-82	70.04	76.79
Bulgaria	1991	10.7	12.3	-1.6	1988-90	68.12	74.77
Channel Islands	1991	12.5	10.5	2.0	n.a.	n.a.	n.a.
Guernsey	1991	12.5	10.4	2.1	n.a.	n.a.	n.a.
Jersey	1991	12.6	10.5	2.1	n.a.	n.a.	n.a.
Czechoslovakia	1991	13.3	11.5	1.8	1990	67.25	75.81
Denmark	1990	12.4	11.9	0.5	1989-90	71.98	77.70
Estonia	1990	14.2	12.4	1.8	1990	64.72	74.94
Faeroe Islands	1989	19.7	7.8	11.9	1981-85	73.30	79.60
Finland	1991	13.1	9.8	3.3	1989	70.85	78.90
France	1991	13.3	9.2	4.1	1990	72.75	80.94
Germany <sup>2</sup>	1989	11.2	11.5	-0.3	n.a.	n.a.	n.a.
Germany, Federal Rep. of	1991	11.2	10.9	0.3	1985-87	71.81	78.37
Former German Dem. Rep.	1989	12.0	12.4	-0.4	1988-89	70.03	76.23
Gibraltar	1990	17.2	9.0	8.2	n.a.	n.a.	n.a.
Greece	1989	10.1	9.2	0.9	1980	72.15	76.35
Hungary	1991	12.2	13.7	-1.5	1990	65.13	73.71
Iceland	1991	17.6	6.9	10.7	1989-90	75.71	80.29
Ireland	1991	14.9	8.9	6.0	1985-87	71.01	76.70
Isle of Man	1991	12.7	14.0	-1.3	n.a.	n.a.	n.a.
Italy	1990	9.8	9.3	0.5	1988	73.18	79.70
Latvia	1989	14.5	12.1	2.4	1989	65.30	75.20
Liechtenstein	1989	13.4	6.2	7.2	1980-84	66.07	72.94
Lithuania	1991	15.0	11.0	4.0	1990	66.55	76.22
Luxembourg	1990	13.0	9.9	3.1	1985-87	70.61	77.87
Malta	1990	15.2	7.7	7.5	1989	73.79	78.04
Monaco	1983	19.5	16.6	2.9	n.a.	n.a.	n.a.
Netherlands	1991	13.2	8.6	4.6	1989-90	73.67	79.88
Norway	1991	14.2	10.5	3.7	1990	73.44	79.81
Poland	1991	14.3	10.6	3.7	1990	66.51	75.49
Portugal	1991	11.0	9.7	1.3	1990	70.13	77.17
Republic of Moldova	1989	18.9	9.2	9.7	1989	65.50	72.30



**TABLE I-3 VITAL STATISTICS RATES, NATURAL INCREASE RATES AND EXPECTATION OF LIFE AT BIRTH: LATEST AVAILABLE YEAR - Concluded**

Area & Country	Year	Live Births	Deaths	Natural Increase**	Expectation of Life at Birth		
					Date	Male	Female
<b>EUROPE (cont'd):</b>		<b>Rates per 1 000</b>					
Romania	1990	13.6	10.6	3.0	1988-89	66.56	72.65
Russian Federation	1989	14.6	10.7	3.9	1989	64.20	74.50
San Marino	1989	10.1	7.6	2.5	1977-86	73.16	79.12
Spain	1990	10.2	8.5	1.7	1985-86	73.27	76.69
Sweden	1991	14.3	11.0	3.3	1990	74.81	80.41
Switzerland	1991	12.6	9.0	3.6	1989-90	74.00	80.00
Ukraine	1990	12.7	12.1	0.6	1989	66.10	75.20
United Kingdom	1991	13.8	11.3	2.5	1987-89	72.42	78.03
Yugoslavia	1990	14.0	9.0	5.0	1988-90	68.65	74.48
<b>OCEANIA:</b>							
American Samoa	1988	43.4	5.3	38.1	n.a.	n.a.	n.a.
Australia	1990	15.4	7.0	8.4	1990	73.86	80.01
Christmas Island	1985	15.8	0.9 *	14.9	n.a.	n.a.	n.a.
Cocos Islands	1986	19.8 *	3.3 *	16.5	n.a.	n.a.	n.a.
Cook Islands	1988	24.3	5.3	19.0	1974-78	63.17	67.09
Fiji	1990	24.9	4.9	20.0	1976	60.72	63.87
French Polynesia	1989	27.9	5.3	22.6	n.a.	n.a.	n.a.
Guam	1987	26.5	3.8	22.7	1979-81	69.53	75.59
Marshall Islands	1989	32.2	3.4	28.8	1989	59.96	62.96
New Caledonia	1986	24.6	5.6	19.0	n.a.	n.a.	n.a.
New Zealand	1991	17.8	7.8	10.0	1988-90	71.94	77.96
Niue	1987	20.9	5.4	15.5	n.a.	n.a.	n.a.
Norfolk Island	1981	10.0	7.0	3.0	n.a.	n.a.	n.a.
Northern Mariana Islands	1989	39.5	4.9	34.6	n.a.	n.a.	n.a.
Pacific Islands	1988	17.4	7.0	10.4	n.a.	n.a.	n.a.
Papua New Guinea	1985-90	34.2	11.6	22.6	1985-90	53.20	54.70
Pitcairn	1990	19.2 *	19.2 *	0.0	n.a.	n.a.	n.a.
Samoa	1982-83	31.0 <sup>10</sup>	7.4 <sup>10</sup>	23.6 <sup>10</sup>	1976	61.00	64.30
Solomon Islands	1980-84	42.0 <sup>2</sup>	10.0 <sup>2</sup>	32.0 <sup>2</sup>	1980-84	59.90	61.40
Tokelau	1983	21.9	5.0 *	16.9	n.a.	n.a.	n.a.
Tonga	1985	28.9	3.5	25.4	n.a.	n.a.	n.a.
Wallis and Futuna Islands	1978	41.1	n.a.	n.a.	n.a.	n.a.	n.a.

Note: \* Rates based on 30 or fewer frequencies.

\*\* Natural increase is the difference between live births and deaths.

<sup>1</sup> Estimate(s) for 1985-1990 prepared by the Population Division of the United Nations.

<sup>2</sup> Estimate(s) based on results of the population census.

<sup>3</sup> Based on National Sample Survey.

<sup>4</sup> Based on Sample Registration Scheme.

<sup>5</sup> Based on results of the Population Growth Survey, second survey year.

<sup>6</sup> Based on the results of the Population Growth Survey.

<sup>7</sup> Including data for East Jerusalem and Israeli residents in certain other territories under occupation by Israeli military forces since June 1967.

<sup>8</sup> Based on the results of the continuous Demographic Sample Survey.

<sup>9</sup> All data shown pertaining to Germany prior to 3 October 1990 are indicated separately for the Federal Republic of Germany and the former German Democratic Republic based on their respective territories at the time indicated.

<sup>10</sup> Estimate(s) based on results of a sample survey.

Source: United Nations, Department of International Economic and Social Affairs, Statistical Office, *Demographic Yearbook, Forty-third issue, 1991* (New York: United Nations, 1993).



**TABLE I-4 GROSS DOMESTIC PRODUCT AND NET MATERIAL PRODUCT BY COUNTRY, 1981-1990**

Area & Country	(In millions U.S. dollars)									
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>AFRICA:</b>										
Algeria	44363	45199	48810	52157	57160	60932	63485	54100	n.a.	n.a.
Angola	n.a.	n.a.	4223	4732	4838	n.a.	n.a.	n.a.	n.a.	n.a.
Benin	1108	1268	1095	1051	1046	1336	1562	1620	1528	n.a.
Botswana 1	944	874	1052	1083	968	1296	1675	1871	2478	n.a.
Burkina Faso	1193	1094	1000	894	1045	1454	n.a.	n.a.	n.a.	n.a.
Burundi	993	1045	1107	1006	1171	1234	1162	1089	1092	1104
Cameroon 1	7996	6612	6871	7312	8545	11941	13326	12657	11160	13363
Cape Verde	145	150	141	136	143	194	248	286	n.a.	n.a.
Central African Rep	n.a.	749	659	631	693	966	1042	1096	n.a.	n.a.
Congo	1994	2161	2097	2194	2161	1849	2298	2212	2425	n.a.
Côte d'Ivoire	8433	7567	6839	6841	6978	9369	n.a.	n.a.	n.a.	n.a.
Egypt 1	28888	28888	36818	44638	52311	58314	62932	n.a.	n.a.	n.a.
Equatorial Guinea	n.a.	n.a.	67	68	85	107	131	144	132	163
Ethiopia 1	4301	4429	4846	4831	4778	5233	5409	5685	6034	n.a.
Gabon	3863	3618	3392	3561	3663	3468	3396	3403	3662	n.a.
Gambia 3	227	265	234	218	279	214	231	290	309	341
Ghana	4629	5510	6135	7730	6346	5733	4853	5195	5249	6226
Guinea-Bissau	n.a.	n.a.	n.a.	n.a.	n.a.	230	165	155	n.a.	n.a.
Kenya	6689	6438	5980	6196	6137	7240	7972	8509	8259	8756
Lesotho	371	342	351	316	252	278	370	454	492	582
Liberia	1054	1093	1086	1070	1055	1037	1089	1158	1194	n.a.
Libyan Arab Jamahiriya	31284	30730	29747	27072	27963	n.a.	n.a.	n.a.	n.a.	n.a.
Madagascar	2904	2848	2837	2374	2345	2672	n.a.	n.a.	n.a.	n.a.
Malawi	1241	1179	1223	1208	1134	1179	1237	1395	1479	1841
Mali	1399	1228	1079	1061	1158	1690	1999	2067	2073	2510
Mauritania	895	824	819	723	683	803	910	965	1005	n.a.
Mauritius	1142	1078	1090	1041	1076	1463	1831	2069	2108	2537
Morocco	15198	15483	13963	12750	12871	16947	18703	22079	22534	25175
Mozambique	2320	2436	2265	2568	3639	4131	1465	1256	n.a.	n.a.
Niger	2213	2018	1803	1461	1440	1979	2205	2259	2122	n.a.
Nigeria 4	79222	76834	79035	82931	80934	41631	27113	32013	30522	32426
Réunion	1864	1869	1801	1806	1927	2818	3647	3982	n.a.	n.a.
Rwanda	1321	1411	1507	1588	1715	1928	2152	2327	2378	n.a.
Sao Tome & Principe	37	38	36	36	n.a.	64	55	49	n.a.	n.a.
Senegal	2465	2583	2478	2337	2578	3762	4599	4980	4625	n.a.
Seychelles	154	147	146	151	169	208	247	283	302	n.a.
Sierra Leone 1	1386	1296	1118	1087	939	465	579	894	735	463
Somalia	3504	2708	2225	3110	2211	1650	1612	n.a.	n.a.	n.a.
South Africa 5	81701	74428	82246	74563	56196	62656	80849	87532	89101	102004
Sudan 1	12562	7165	7066	8715	6081	8804	10386	n.a.	n.a.	n.a.
Swaziland	572	540	556	507	367	463	559	576	n.a.	n.a.
Tanzania 6	5927	6272	6328	5813	6904	4884	3540	3336	2835	2542
Togo	949	821	738	698	740	1050	n.a.	n.a.	n.a.	n.a.
Tunisia	8425	8129	8096	8031	8275	8821	9604	10031	10004	n.a.
Uganda	2812	3564	3362	2306	3200	3617	4072	4630	4463	n.a.
Zaire	5424	5410	4588	2760	2953	3412	2909	3329	3007	n.a.
Zambia	4015	3874	3342	2749	2619	1776	2222	3661	4653	3910
Zimbabwe	6443	6856	6237	5148	4527	5031	5455	6114	6184	6199
<b>AMERICA:</b>										
Anguilla	n.a.	n.a.	n.a.	14	18	23	28	36	42	n.a.



**TABLE I-4 GROSS DOMESTIC PRODUCT AND NET MATERIAL PRODUCT BY COUNTRY,  
1981-1990 - Continued**

Area & Country	(In millions U.S. dollars)									
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>AMERICA (Cont'd):</b>										
Antigua & Barbuda	124	138	153	173	200	238	n.a.	n.a.	n.a.	n.a.
Argentina	124436	56949	64829	78064	65769	78801	80741	89660	60473	105751
Bahamas	1507	1516	1493	1615	1868	2098	2324	2579	2661	2811
Barbados	947	990	1051	1145	1198	1316	1449	1541	1704	1711
Belize	179	167	174	195	194	211	255	289	336	367
Bermuda 1	800	905	1003	1073	1190	1290	1401	1500	1572	n.a.
Bolivia	n.a.	6271	6317	7406	6487	4648	4954	5235	5477	n.a.
Brazil	277778	283333	202773	208874	223065	268082	294311	328495	447473	n.a.
British Virgin Islands	59	70	79	86	90	98	117	131	n.a.	n.a.
Canada	294791	301313	326485	340755	347374	360868	412351	487503	543417	570137
Chile	33067	23626	19478	19285	15996	16817	18948	22081	25372	27791
Colombia	36388	38961	38732	38256	34896	34943	36371	39212	39705	41122
Costa Rica	2624	2607	3147	3660	3923	4404	4531	4572	5175	5686
Cuba 7	13860	14324	15030	15562	15165	15491	15629	16839	16399	n.a.
Dominica	66	72	80	90	99	112	126	146	157	171
Dominican Republic	7267	7964	8623	10355	4488	5434	5081	4638	6687	7103
Ecuador	13946	13845	12700	12995	15958	11266	10527	10012	10117	10876
El Salvador	3459	3586	4061	4663	5732	4075	4628	5473	6446	5113
Grenada	80	89	94	102	115	130	150	166	182	200
Guadeloupe	1191	1144	1104	1035	1091	1582	n.a.	n.a.	n.a.	n.a.
Guatemala	8608	8717	9050	9470	11180	8470	7084	7843	8410	7644
Guyana	568	482	485	444	462	520	349	414	256	256
Haiti 8	1479	1485	1630	1816	2009	2235	1989	1959	2162	2281
Honduras	2777	2881	3017	3231	3504	3798	4064	4468	4891	n.a.
Jamaica	2980	3294	3620	2373	2015	2444	2916	3416	3868	3994
Martinique	1333	1346	1347	1250	1389	1996	n.a.	n.a.	n.a.	n.a.
Mexico	250004	173720	148878	175604	184498	130010	139894	171246	204618	241386
Montserrat	27	30	32	35	37	42	n.a.	n.a.	n.a.	n.a.
Netherlands Antilles 9	997	1066	1061	1072	1092	n.a.	n.a.	n.a.	n.a.	n.a.
Nicaragua	1666	1929	2239	3063	4274	6504	34136	n.a.	n.a.	n.a.
Panama	3878	4279	4374	4565	4901	5145	5310	4551	4582	4949
Paraguay	5625	5850	6493	5326	4545	5407	4534	6035	4363	5265
Peru	25376	25584	19907	20867	18040	26713	44014	38372	43263	40835
Puerto Rico	16764	17277	19163	20289	21969	23878	26178	28267	30536	32469
St Kitts & Nevis	55	59	57	62	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
St Lucia	126	135	141	151	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
St Vincent- Grenadines	73	84	94	103	113	127	142	161	174	n.a.
Suriname	996	1025	990	968	978	1010	1106	1300	1516	1725
Trinidad & Tobago	6849	7990	7800	7756	7266	4794	4806	4509	4339	5094
United States	3007190	3118560	3349390	3717770	3962220	4176100	4452880	4809080	5132000	5392200
Uruguay	11317	9253	5079	4829	4719	5859	7329	7583	7819	8218
Venezuela	19670	67847	67588	59856	61965	60519	48029	60226	43551	48274
<b>ASIA:</b>										
Bahrain	3468	3646	3735	3906	3705	3187	3170	3359	3584	3903
Bangladesh 3	15214	13211	14405	16050	16654	17733	19294	20786	22856	23355
Bhutan	150	161	170	185	193	222	278	283	268	n.a.
Brunei - Darussalam	4004	3908	3517	3442	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
China 7	231144	224934	239676	243621	239044	227612	250208	315360	349951	301660
Cyprus	2086	2135	2161	2279	2430	3094	3701	4276	4568	5511



**TABLE I-4 GROSS DOMESTIC PRODUCT AND NET MATERIAL PRODUCT BY COUNTRY,  
1981-1990 - Continued**

Area & Country	(In millions U.S. dollars)									
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>ASIA (Cont'd):</b>										
Hong Kong	29512	30598	28365	31705	33513	38255	47139	55554	63640	70048
India 4	184502	188300	205554	203632	211755	231523	256609	283820	272876	n.a.
Indonesia	92008	94457	85369	87612	87339	80061	75932	84300	94625	107294
Iran, Islamic Rep of	106257	128661	159215	166940	181828	230136	297655	343431	392807	n.a.
Iraq	36708	42876	42623	47982	49819	48434	57558	64413	64340	n.a.
Israel	24234	26167	29159	27445	25791	32137	38422	46523	45390	53968
Japan	1169693	1086406	1186337	1265333	1343251	1985574	2408912	2898385	2871825	2940362
Jordan	3528	3753	4761	4864	4818	5830	6166	5925	4454	3869
Korea, Republic of	69721	74469	82286	90131	92925	105991	131816	174940	212970	239772
Kuwait	25229	21576	20904	21706	21429	17728	20513	18620	22842	n.a.
Lebanon	3894	2656	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Malaysia	25006	26752	30134	33938	31200	27735	31602	34696	37457	42373
Maldives	50	46	54	77	86	98	n.a.	n.a.	n.a.	n.a.
Mongolia 7	n.a.	2087	2247	2120	2031	2251	2570	2724	2882	1933
Myanmar	5889	6008	6200	6392	6608	8052	10325	11923	17790	21793
Nepal 11	2214	2340	2321	2393	2434	2375	2715	2957	2878	3021
Oman	7116	7467	7828	8705	8983	7283	7809	7610	8402	10622
Pakistan 3	32743	30758	32004	33615	32304	34387	38818	42756	41987	46839
Philippines	38640	37140	33211	31408	30735	29868	33307	38043	42442	43858
Qatar	8673	7611	6485	6870	6153	5053	5446	6038	6488	7380
Saudi Arabia 1	165869	163740	132597	106096	97017	84780	72387	73552	76142	82996
Singapore	13885	15266	17384	18775	17692	17752	20258	24694	28834	34599
Sri Lanka	4392	4686	5066	5792	5808	6154	6413	6878	6886	7935
Syrian Arab Rep	16758	17526	18673	19195	21204	25461	32538	16574	18596	24770
Thailand	34839	35652	39568	41178	37350	41651	48717	59578	69099	80172
Turkey	57666	53032	51148	49668	52783	58247	68011	70889	79073	108411
United Arab Emirates	32988	30627	28033	27743	27081	21674	23799	23728	27506	33780
Viet Nam	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	7528	8041	8526
Yemen 12	2933	3478	3750	3353	4181	3903	n.a.	n.a.	6266	7873
<b>EUROPE:</b>										
Albania	n.a.	2362	2388	2358	2408	2483	2464	2549	3046	2169
Austria	66301	66448	66872	63810	65173	93175	117171	126474	125757	157378
Belarus 7	n.a.	23875	25561	25570	23175	30013	34444	36445	40231	42836
Belgium	96348	85115	80620	76648	79795	111612	139432	150747	152674	192392
Bulgaria	n.a.	19872	20421	31991	32273	31581	28765	26085	21747	20726
Czechoslovakia 7	35386	35842	35545	32150	32014	37503	41976	41686	40469	37034
Denmark	57250	55745	56046	54580	58048	82375	102326	108742	105308	129264
Finland	50573	50978	49308	51307	54048	70533	89088	105561	115803	137251
France	582300	551738	525718	499126	523098	731912	887859	960769	961751	1190772
Germany 13	681827	759886	763285	719208	725326	1033620	1291295	1392400	1181319	1488234
Greece	36999	38541	34967	33762	33433	39397	46212	53056	54042	65958
Hungary	n.a.	23147	21007	20367	20626	23756	26109	28469	28963	32901
Iceland	3369	3087	2650	2761	2869	3858	5382	5920	5270	5864
Ireland	18351	19036	18451	17833	18726	25510	28947	31165	34726	42612
Italy	408204	403046	417050	413077	424512	603634	759049	838842	869270	1090755
Luxembourg	3816	3475	3416	3352	3457	4999	6103	6756	7081	8723
Malta	1131	1121	1059	1001	1018	1304	1592	1835	1924	2316
Netherlands	141423	138150	133504	124727	125920	174943	212356	227573	224124	279153
Norway	57086	56131	55126	55445	58182	69471	83337	89501	89997	105703
Poland 7	42154	56036	64672	63445	58858	61021	52859	58060	72924	53290
Portugal	24390	23283	20777	19234	20682	29550	36731	41700	45283	59680



**TABLE I-4 GROSS DOMESTIC PRODUCT AND NET MATERIAL PRODUCT BY COUNTRY,  
1981-1990 - Concluded**

(In millions U.S. dollars)										
Area & Country	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>EUROPE: (Cont'd)</b>										
Romania	n.a.	48493	44746	38351	47687	51916	58055	60027	53478	37625
Spain	184043	178111	155021	156204	165849	230803	292664	344784	380342	491260
Sweden <sup>1</sup>	114342	100857	92585	96022	100626	132732	160802	181236	190217	228110
Switzerland	94071	96542	97125	90736	92772	135277	170792	183428	177493	224845
Ukraine <sup>7</sup>	n.a.	119863	125068	118182	110588	133992	154945	168863	173684	175976
United Kingdom	515781	487018	460360	433263	460326	559723	688305	710952	836277	980124
USSR, Former <sup>7, 14</sup>	n.a.	717671	742954	700860	680588	828491	941287	1039209	1074482	1096697
Yugoslavia	68930	62827	46133	43538	44237	61705	71018	62764	81848	101413
<b>OCEANIA:</b>										
Australia <sup>3</sup>	181755	173440	175792	190126	168416	177496	209103	266973	293863	294639
Fiji	1238	1194	1124	1178	1141	1290	1178	1110	1255	n.a.
French Polynesia	1179	1185	1230	1270	1388	2120	2346	2475	2428	2567
New Caledonia	975	905	824	796	855	1201	1488	2073	n.a.	n.a.
New Zealand <sup>4</sup>	24147	23712	23342	22862	22650	28861	36628	43693	42822	44026
Papua New Guinea	2502	2370	2573	2553	2403	2649	3144	3657	3559	3201
Samoa	n.a.	n.a.	n.a.	115	105	109	n.a.	n.a.	n.a.	n.a.
Solomon Islands	162	163	123	174	160	145	146	176	n.a.	n.a.
Tonga Islands <sup>1</sup>	63	65	66	65	56	n.a.	n.a.	n.a.	n.a.	n.a.
Vanuatu	..	..	102	124	118	115	122	144	141	154

<sup>1</sup> Year ending 30 June of year stated.

<sup>2</sup> Year ending 7 July of year stated.

<sup>3</sup> Year beginning 1 July of year stated.

<sup>4</sup> Year beginning 1 April of year stated.

<sup>5</sup> Estimates exclude Namibia.

<sup>6</sup> Estimates refer to former Tanganyika only.

<sup>7</sup> Net Material Product (NMP).

<sup>8</sup> Year ending 30 September of year stated.

<sup>9</sup> Estimates exclude Aruba.

<sup>10</sup> Year beginning 21 March of year stated.

<sup>11</sup> Year ending 15 July of year stated.

<sup>12</sup> For 1982-1986, data exclude former Democratic Yemen.

<sup>13</sup> For the years 1981, 1989 & 1990, data represent the former Federal Republic of Germany only.

<sup>14</sup> Figures include Belarus and Ukraine data.

Source: United Nations, Department of Economic and Social Information and Policy Analysis, Statistical Division, *Statistical Yearbook, Thirty-seventh issue, 1988/89* and *Thirty-eighth issue, 1990/91* (New York: United Nations, 1992 and 1993, respectively).



**TABLE I-5 PER CAPITA GROSS DOMESTIC PRODUCT AND NET MATERIAL PRODUCT  
BY COUNTRY, 1981-1990**

Area & Country	(In U.S. Dollars)									
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>AFRICA:</b>										
Algeria	2,305	2,276	2,379	2,464	2,616	2,706	2,758	2,288	n.a.	n.a.
Angola	n.a.	n.a.	506	554	553	n.a.	n.a.	n.a.	n.a.	n.a.
Benin	310	344	288	268	259	320	363	364	333	n.a.
Botswana 1	1,010	896	1,041	1,033	890	1,149	1,433	1,546	1,990	n.a.
Burkina Faso	168	150	134	116	133	180	n.a.	n.a.	n.a.	n.a.
Burundi	235	241	248	219	248	254	232	211	206	202
Cameroon 1	892	713	718	741	841	1,142	1,231	1,143	967	1,129
Cape Verde	493	498	442	417	429	572	715	819	n.a.	n.a.
Central African Rep	n.a.	307	263	245	266	353	373	381	n.a.	n.a.
Congo	1,160	1,220	1,149	1,166	1,114	925	1,113	1,038	1,103	n.a.
Côte d'Ivoire	990	855	735	716	703	908	n.a.	n.a.	n.a.	n.a.
Egypt 1	667	675	837	988	1,127	1,222	1,284	n.a.	n.a.	n.a.
Equatorial Guinea	n.a.	n.a.	245	231	272	330	393	432	388	468
Ethiopia 2	109	135	144	115	108	114	115	117	120	n.a.
Gabon	4,593	4,125	3,715	3,752	3,719	3,397	3,210	3,108	3,232	n.a.
Gambia 3	367	417	333	302	374	279	292	357	369	396
Ghana	418	480	515	624	499	439	362	368	360	414
Guinea-Bissau	n.a.	n.a.	n.a.	n.a.	n.a.	259	181	166	n.a.	n.a.
Kenya	386	357	319	317	302	342	348	356	332	364
Lesotho	271	244	245	215	168	176	220	271	289	328
Liberia	552	553	532	507	482	467	464	477	476	n.a.
Libyan Arab Jamahiriya	10,904	10,291	9,568	8,363	8,315	n.a.	n.a.	n.a.	n.a.	n.a.
Madagascar	324	305	302	239	235	253	n.a.	n.a.	n.a.	n.a.
Malawi	199	184	185	177	161	162	165	180	184	222
Mali	192	164	139	133	141	223	260	264	260	308
Mauritania	563	505	489	420	387	443	488	504	510	n.a.
Mauritius	1,165	1,086	1,088	1,010	1,055	1,420	1,759	1,965	1,981	2,360
Morocco	736	760	668	594	584	750	806	927	922	1,005
Mozambique	186	191	173	191	264	291	101	84	n.a.	n.a.
Niger	383	338	292	228	218	290	313	311	283	n.a.
Nigeria 4	978	919	916	889	846	424	267	305	291	299
Réunion	3,641	3,608	3,417	3,363	3,529	5,077	6,455	6,986	n.a.	n.a.
Rwanda	247	254	262	269	281	305	330	344	340	n.a.
Sao Tome & Principe	381	388	353	346	n.a.	582	491	426	n.a.	n.a.
Senegal	420	429	387	367	394	559	665	700	649	n.a.
Seychelles	2,406	2,297	2,281	2,323	2,600	3,152	3,742	4,224	4,507	n.a.
Sierra Leone 1	415	380	320	304	256	124	150	227	182	112
Somalia	629	469	373	505	347	250	236	n.a.	n.a.	n.a.
South Africa 5	2,827	2,519	2,723	2,415	1,780	1,941	2,450	2,594	2,582	2,891
Sudan 1	652	360	344	412	279	392	449	n.a.	n.a.	n.a.
Swaziland	1,011	920	922	818	575	706	786	784	n.a.	n.a.
Tanzania 6	309	317	310	276	318	217	152	139	114	99
Togo	353	304	259	237	244	336	n.a.	n.a.	n.a.	n.a.
Tunisia	1,283	1,213	1,184	1,142	1,140	1,182	1,257	1,291	1,265	n.a.
Uganda	207	254	231	153	205	223	242	265	246	n.a.
Zaire	199	192	158	92	95	108	90	99	87	n.a.
Zambia	684	640	535	427	389	244	294	486	596	484
Zimbabwe	875	917	806	645	540	599	631	689	678	662
<b>AMERICA:</b>										
Anguilla	n.a.	n.a.	n.a.	2,000	2,571	3,286	4,000	5,143	6,000	n.a.



**TABLE I-5 PER CAPITA GROSS DOMESTIC PRODUCT AND NET MATERIAL PRODUCT  
BY COUNTRY, 1981-1990 - Continued**

Area & Country	(In U.S. Dollars)									
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>AMERICA (Cont'd):</b>										
Antigua & Barbuda	1,632	1,865	2,040	2,307	2,632	3,132	n.a.	n.a.	n.a.	n.a.
Argentina	4,341	1,958	2,197	2,609	2,168	2,564	2,593	2,843	1,894	3,272
Bahamas	7,042	6,922	6,665	7,052	8,052	8,890	9,683	10,527	10,687	11,111
Barbados	3,788	3,960	4,187	4,544	4,735	5,202	5,705	6,067	6,682	6,710
Belize	1,201	1,092	1,101	1,204	1,169	1,241	1,457	1,606	1,836	1,963
Bermuda 2	14,815	16,455	18,236	19,161	21,250	22,632	24,579	25,424	26,200	n.a.
Bolivia	n.a.	1,060	1,039	1,184	1,009	703	729	749	761	n.a.
Brazil	2,239	2,233	1,563	1,575	1,645	1,936	2,081	2,274	3,036	n.a.
British Virgin Islands	5,364	6,364	6,583	7,167	7,500	8,167	9,750	10,917	n.a.	n.a.
Canada	12,110	12,257	13,172	13,642	13,804	14,234	16,097	18,815	20,709	21,431
Chile	2,919	2,051	1,662	1,618	1,320	1,364	1,511	1,732	1,958	2,110
Colombia	1,377	1,445	1,408	1,364	1,219	1,197	1,223	1,297	1,227	1,247
Costa Rica	1,155	1,075	1,261	1,425	1,485	1,622	1,629	1,604	1,771	1,899
Cuba 7	1,425	1,461	1,519	1,557	1,502	1,519	1,517	1,617	1,558	n.a.
Dominica	892	947	1,039	1,139	1,238	1,383	1,556	1,802	1,915	2,085
Dominican Republic	1,302	1,332	1,408	1,652	700	828	757	675	954	991
Ecuador	1,668	1,609	1,434	1,426	1,702	1,168	1,061	981	964	1,127
El Salvador	754	769	860	976	1,180	824	916	1,075	1,241	974
Grenada	909	1,000	1,033	1,085	1,264	1,340	1,546	1,930	2,141	2,353
Guadeloupe	3,631	3,456	3,286	3,026	3,126	4,444	n.a.	n.a.	n.a.	n.a.
Guatemala	1,210	1,192	1,203	1,224	1,404	1,034	840	903	941	831
Guyana	742	624	622	565	585	657	440	522	322	322
Haiti 8	290	267	288	315	343	373	325	314	340	352
Honduras	727	728	737	763	801	841	873	930	988	n.a.
Jamaica	1,367	1,504	1,615	1,041	872	1,044	1,241	1,447	1,618	1,650
Martinique	4,089	4,091	4,069	3,743	4,122	5,853	n.a.	n.a.	n.a.	n.a.
Mexico	3,504	2,379	1,994	2,301	2,367	1,634	1,723	2,067	2,422	2,802
Montserrat	2,250	2,500	2,667	2,917	3,083	3,500	n.a.	n.a.	n.a.	n.a.
Netherlands Antilles 9	5,247	6,023	5,961	5,956	6,033	n.a.	n.a.	n.a.	n.a.	n.a.
Nicaragua	583	653	732	968	1,306	1,922	9,750	n.a.	n.a.	n.a.
Panama	1,939	2,093	2,094	2,139	2,248	2,310	2,335	1,960	1,933	2,047
Paraguay	1,731	1,742	1,872	1,488	1,231	1,420	1,156	1,494	1,050	1,231
Peru	1,429	1,410	1,072	1,099	929	1,346	2,172	1,855	2,049	1,895
Puerto Rico	5,163	5,295	5,869	6,205	6,692	7,207	7,639	8,170	8,740	9,022
St Kitts & Nevis	1,250	1,311	1,239	1,378	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
St Lucia	1,000	1,047	1,076	1,127	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
St Vincent- Grenadines	702	800	879	954	1,037	1,144	1,268	1,425	1,526	n.a.
Suriname	2,806	2,816	2,698	2,581	2,554	2,590	2,779	3,202	3,790	4,088
Trinidad & Tobago	6,261	7,159	6,848	6,629	6,168	4,008	3,965	3,720	3,577	4,152
United States	13,078	13,431	14,294	15,729	16,614	17,351	18,337	19,624	20,749	21,575
Uruguay	3,860	3,136	1,710	1,616	1,569	1,937	2,409	2,478	2,541	2,654
Venezuela	1,270	4,256	4,123	3,552	3,578	3,453	2,672	3,269	2,308	2,498
<b>ASIA:</b>										
Bahrain	9,797	9,749	9,552	9,597	8,718	7,210	6,921	7,101	7,329	7,759
Bangladesh 3	168	143	152	165	167	174	188	199	215	202
Bhutan	118	125	130	138	142	160	196	195	181	n.a.
Brunei - Darussalam	20,746	19,540	16,909	15,935	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
China 7	229	220	232	233	226	212	230	285	312	265
Cyprus	3,290	3,331	3,330	3,469	3,654	4,597	5,443	6,215	6,573	7,850



**TABLE I-5 PER CAPITA GROSS DOMESTIC PRODUCT AND NET MATERIAL PRODUCT  
BY COUNTRY, 1981-1990 - Continued**

Area & Country	(In U.S. Dollars)									
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>ASIA: (Cont'd)</b>										
Hong Kong	5,694	5,812	5,307	5,873	6,142	6,914	8,398	9,779	11,047	12,075
India 4	267	267	285	277	282	302	328	356	336	n.a.
Indonesia	608	611	540	542	531	476	441	480	528	598
Iran, Islamic Rep of 10	2,601	3,029	3,604	3,632	3,802	4,654	5,827	6,539	7,247	n.a.
Iraq	2,685	3,039	2,922	3,182	3,197	3,006	3,525	3,734	3,520	n.a.
Israel	6,138	6,498	7,102	6,599	6,093	7,475	8,794	10,473	10,046	11,581
Japan	9,941	9,170	9,944	10,537	11,116	16,343	19,730	23,638	23,317	23,801
Jordan	1,174	1,212	1,490	1,474	1,414	1,657	1,697	1,579	1,149	965
Korea, Republic Of	1,801	1,894	2,062	2,231	2,277	2,574	3,171	4,168	5,025	5,593
Kuwait	17,618	14,413	13,349	13,260	12,517	9,898	10,952	9,510	11,153	n.a.
Lebanon	1,465	1,000	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Malaysia	1,772	1,844	2,024	2,223	1,990	1,722	1,912	2,048	2,159	2,385
Maldives	316	282	321	445	467	519	n.a.	n.a.	n.a.	n.a.
Mongolia 7	n.a.	1,195	1,257	1,157	1,081	1,169	1,303	1,348	1,392	883
Myanmar	168	167	169	170	171	204	264	298	436	523
Nepal 11	147	152	147	147	146	139	155	164	156	160
Oman	6,882	6,876	6,879	7,315	7,233	5,633	5,810	5,455	5,806	7,072
Pakistan 3	385	350	354	360	336	347	380	406	386	418
Philippines	780	731	638	589	562	533	581	648	706	713
Qatar	35,839	29,730	24,019	24,190	20,579	16,144	16,706	14,107	14,228	15,185
Saudi Arabia 1	16,908	15,979	12,408	9,547	8,367	7,022	5,318	5,248	5,275	5,581
Singapore	5,684	6,176	6,948	7,424	6,916	6,865	7,753	9,329	10,739	12,791
Sri Lanka	293	308	329	371	367	382	392	415	410	467
Syrian Arab Rep	1,863	1,885	1,943	1,932	2,065	2,399	2,966	1,462	1,587	2,044
Thailand	730	732	796	813	724	793	912	1,097	1,251	1,430
Turkey	1,268	1,139	1,072	1,014	1,051	1,127	1,277	1,291	1,394	1,847
United Arab Emirates	30,016	26,132	23,245	21,440	20,075	15,448	16,379	15,808	17,792	21,259
Viet Nam	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	118	124	129
Yemen 12	343	394	410	355	427	385	n.a.	n.a.	557	675
<b>EUROPE:</b>										
Albania	n.a.	850	841	814	814	823	801	812	952	667
Austria	8,771	8,777	8,860	8,449	8,626	12,317	15,472	16,652	16,508	20,391
Belarus 7	n.a.	2,435	2,589	2,573	2,318	2,984	3,407	3,385	3,933	4,168
Belgium	9,780	8,636	8,180	7,778	8,094	11,317	14,127	15,253	15,505	19,542
Bulgaria	n.a.	2,229	2,284	3,570	3,602	3,525	3,206	2,904	2,419	2,305
Czechoslovakia 7	2,310	2,332	2,306	2,080	2,066	2,414	2,696	2,671	2,588	2,365
Denmark	11,177	10,892	10,959	10,677	11,351	16,086	19,958	21,197	20,516	25,149
Finland	10,536	10,561	10,154	10,509	11,026	14,342	18,063	21,343	23,329	27,527
France	10,747	10,127	9,606	9,084	9,482	13,213	15,960	17,192	17,125	21,098
Germany 13	8,697	9,707	9,776	9,245	9,345	13,314	16,615	17,825	15,015	18,752
Greece	3,803	3,937	3,551	3,412	3,366	3,953	4,629	5,303	5,386	6,516
Hungary	n.a.	2,167	1,971	1,918	1,950	2,255	2,490	2,726	2,785	3,174
Iceland	14,584	13,192	11,181	11,552	11,905	15,877	21,878	23,680	20,830	22,996
Ireland	5,335	5,470	5,266	5,053	5,290	7,204	8,170	8,809	9,879	12,164
Italy	7,224	7,116	7,338	7,246	7,429	10,545	13,237	14,604	15,107	18,916
Luxembourg	10,455	9,495	9,333	9,158	9,420	13,584	16,450	18,113	18,782	22,895
Malta	3,512	3,449	3,229	3,024	3,030	3,791	4,628	5,288	5,481	6,542
Netherlands	9,927	9,654	9,296	8,650	8,694	12,012	14,480	15,420	15,094	18,670
Norway	13,923	13,641	13,354	13,393	14,010	16,672	19,904	21,264	21,291	24,924
Poland 7	1,174	1,547	1,768	1,719	1,582	1,629	1,403	1,533	1,921	1,398
Portugal	2,475	2,360	2,102	1,943	2,088	2,984	3,710	4,215	4,582	6,048



**TABLE I-5 PER CAPITA GROSS DOMESTIC PRODUCT AND NET MATERIAL PRODUCT  
BY COUNTRY, 1981-1990 - Concluded**

Area & Country	(In U.S. Dollars)									
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>EUROPE: (Cont'd)</b>										
Romania	n.a.	2,157	1,984	1,695	2,098	2,275	2,531	2,604	2,310	1,621
Spain	4,875	4,691	4,062	4,075	4,311	5,979	7,559	8,884	9,780	12,610
Sweden <sup>1</sup>	13,743	12,115	11,116	11,518	12,051	15,858	19,148	21,484	22,397	26,651
Switzerland	14,805	15,106	15,131	14,085	14,339	20,799	26,095	27,822	26,703	33,499
Ukraine <sup>7</sup>	n.a.	2,379	2,473	2,329	2,172	2,622	3,021	3,276	3,356	3,393
United Kingdom	9,153	8,649	8,170	7,674	8,130	9,861	12,090	12,459	14,611	17,072
USSR, Former <sup>7, 14</sup>	n.a.	2,659	2,728	2,550	2,454	2,959	3,328	3,641	3,747	3,800
Yugoslavia	3,068	2,775	2,023	1,896	1,913	2,651	3,033	2,663	3,454	4,259
<b>OCEANIA:</b>										
Australia <sup>3</sup>	12,180	11,427	11,431	12,222	10,667	11,081	12,858	16,143	17,458	17,245
Fiji	1,913	1,801	1,673	1,717	1,637	1,807	1,634	1,502	1,669	n.a.
French Polynesia	7,860	7,500	7,546	7,471	7,977	11,844	12,820	13,165	12,580	12,461
New Caledonia	6,818	6,285	5,683	5,378	5,662	7,799	9,418	12,876	n.a.	n.a.
New Zealand <sup>4</sup>	7,727	7,513	7,297	7,085	6,976	8,886	11,167	13,272	12,929	13,154
Papua New Guinea	823	762	808	783	720	778	903	1,028	980	865
Samoa	n.a.	n.a.	n.a.	714	648	665	n.a.	n.a.	n.a.	n.a.
Solomon Islands	695	674	488	664	588	516	503	589	n.a.	n.a.
Tonga Islands <sup>1</sup>	670	684	688	677	577	n.a.	n.a.	n.a.	n.a.	n.a.
Vanuatu	n.a.	n.a.	797	939	868	821	841	960	910	1,048

<sup>1</sup> Year ending 30 June of year stated.

<sup>2</sup> Year ending 7 July of year stated.

<sup>3</sup> Year beginning 1 July of year stated.

<sup>4</sup> Year beginning 1 April of year stated.

<sup>5</sup> Estimates exclude Namibia.

<sup>6</sup> Estimates refer to former Tanganyika only.

<sup>7</sup> Net Material Product (NMP).

<sup>8</sup> Year ending 30 September of year stated.

<sup>9</sup> Estimates exclude Aruba.

<sup>10</sup> Year beginning 21 March of year stated.

<sup>11</sup> Year ending 15 July of year stated.

<sup>12</sup> For 1982-1986, data exclude former Democratic Yemen.

<sup>13</sup> For the years 1981, 1989 & 1990, data represent the former Federal Republic of Germany only.

<sup>14</sup> Figures include Belarus and Ukraine data.

Source: United Nations, Department of Economic and Social Information and Policy Analysis, Statistical Division, *Statistical Yearbook, Thirty-seventh issue, 1988/89* and *Thirty-eighth issue, 1990/91* (New York: United Nations, 1992 and 1993, respectively).







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## CHAPTER II

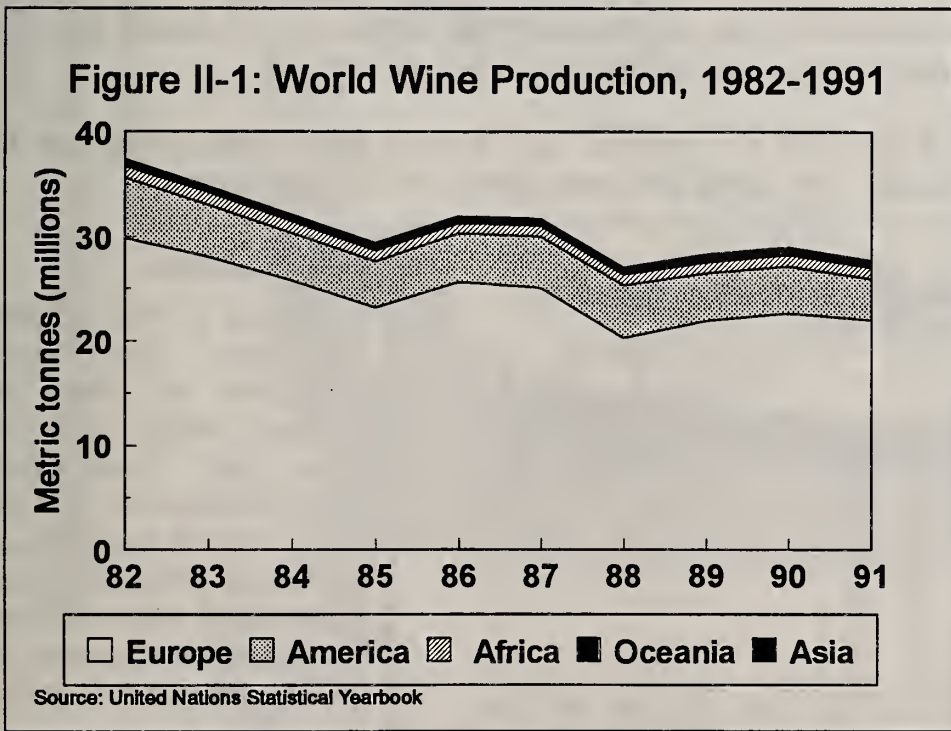
# ALCOHOL

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### *Wine Production*

Global wine production dropped 4.3% in 1991 to approximately 27.8 million metric tonnes (Table II-1). This continues a general trend which has seen overall wine production decline by 26% since 1982 when 37.4 million metric tonnes (mmt) were produced.

Figure II-1 illustrates that wine production was dominated by Europe. In 1991, European producers accounted for 79.3% of the world wine output, a level that has remained virtually unchanged since 1982. France, Italy, and Spain were the largest producers, accounting for almost 70% of European production in 1991, or 55% of world production.

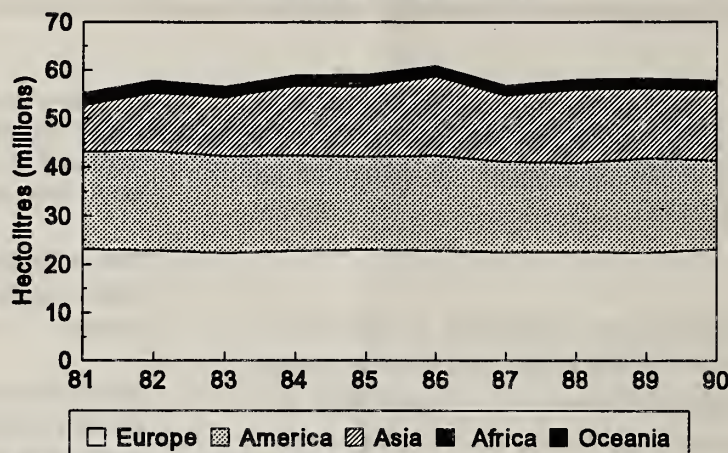


The Americas remained the second largest wine producing region, despite a consistent drop in its world share from 18.6% in 1988 to 14.2% in 1991. The declining global share of the Americas was largely due to reduced

- In 1991 the world produced 27.8 million metric tonnes of wine
- 79% of the world's wine is produced in Europe
- France, Italy and Spain account for 55% of world wine production
- The world produced 57.8 million hectolitres of distilled beverages in 1990
- Asian distilled beverage production increased by over 50% between 1981 and 1990
- Since 1981 beer production has increased by 16.4%
- Between 1981 and 1990 beer production in China increased by 660%
- Between 1982 and 1991 France had the highest average per capita consumption of absolute alcohol - 13.1

production by Argentina (Table II-1). The supply of wine from Argentina dropped from 2.4 million metric tonnes in 1987 to 1.46 million metric tonnes in 1991. The United States produced slightly more than Argentina in 1991 with an output of 1.49 million metric tonnes (Table II-1).

**Figure II-2: World Distilled Alcoholic Beverage Production, 1981-1990**



Source: United Nations Industrial Statistics Yearbook

### ***Distilled Alcoholic Beverage Production***

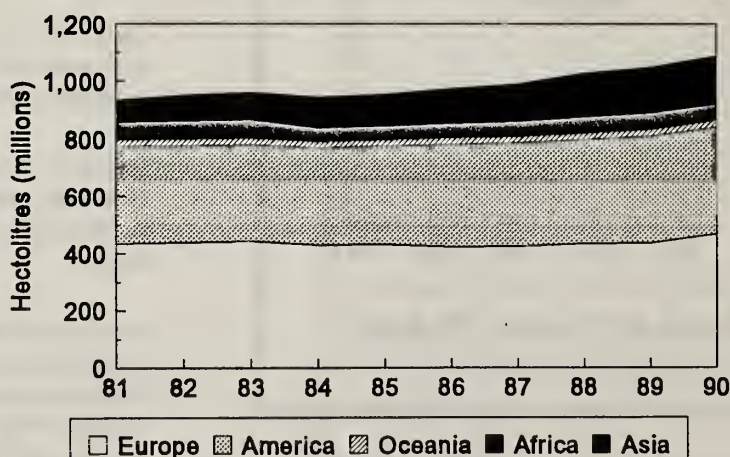
Global production of distilled alcoholic beverages dropped 1% in 1990 to 57.8 million hectolitres (Table II-2). However, since 1981, world production has remained at virtually the same level, fluctuating between a low of 55.3 million hectolitres in 1981 and a high of 60.9 million hectolitres in 1986.

Europe and the Americas were the two major producing regions,

accounting for 39.8% and 32.0% of the world total in 1990, respectively. Production from both continents has been relatively stable over this period (Figure II-2).

While production in Europe and the Americas has remained stable, Asian production has increased by over 50% since 1981, and in 1990 accounted for 24.7% of the world total.

**Figure II-3: World Beer Production, 1981-1990**



Source: United Nations Industrial Statistics Yearbook

### ***Beer Production***

In contrast to wine and spirit production, the world production of beer has increased steadily since 1984 (Table II-3, Figure II-3). Total production in 1990 was 1,088.7 million hectolitres, an increase of 3.8% from a year earlier. Since 1981, total beer production has increased by 16.4% from 935.1 million hectolitres.

Europe has been the largest beer producing region

(accounting for 42.9% of the world total in 1990), followed by the Americas (34.4%), and Asia



**Figure II-4:**  
**Absolute Alcohol Consumption Litres per Capita**  
 (latest year available)



Source: World Drink Trends, 1993

**Figure II-5:**  
**Deaths from Liver Cirrhosis, Rates per 100,000**  
 (latest year available)



Source: World Health Statistics Annual



(15.2%) (Table II-3). Since 1981, Asian production has more than doubled, increasing from 75.0 million hectolitres in 1981 to 166.0 million hectolitres in 1990.

### ***Per Capita Absolute Alcohol Consumption***

The world's highest per capita consumers of absolute alcohol can be found in Europe (Figure II-4; Table II-4). Based on the available data for the period 1982 to 1991, the highest average levels of absolute alcohol consumption were recorded in France (13.1 litres per person), followed by Luxembourg (12.1), Portugal (11.5), Spain (11.5), Hungary (11.1), Switzerland (11.0), Italy (10.8), Germany (10.7) and Belgium (10.3).

### ***Deaths From Liver Disease and Cirrhosis***

Table II-5 presents the number of deaths from liver disease and cirrhosis, while Table II-6 and Figure II-5 present the corresponding rates per 100,000 population. However, it should be noted that not all liver cirrhosis deaths are related to alcohol abuse and that the degree to which alcohol is a factor will vary from country to country.

During the period 1981 to 1990, using available data, the highest average rates of liver cirrhosis mortality were recorded by: Hungary (42.9 deaths per 100,000 population), Romania (33.1), Italy (31.1), Portugal (29.3), Austria (28.7), Chile (28.1), Republic of Korea (24.1), Luxembourg (23.1), Puerto Rico (22.7) and France (22.4).

## ***EXPLANATORY NOTES***

### **Table II-1: Wine**

Data represent the ordinary wine of fresh grapes produced in wineries (red, white, rose), sparkling wines, dessert wines (Malaga, port, sherry, mistelles), vermouth and other wines flavoured with aromatic extracts. Unless otherwise stated in the footnotes, unfermented grape juice and grape must are excluded.

### **Table II-2: Distilled Alcohol**

Data represent spirits produced by distilling wine, ciders etc., or fermented grain or other vegetable products, without adding flavouring; and spirits, liqueurs and cordials containing added flavouring, and other spirituous beverages.

### **Table II-3: Beer**

Data refer to beer made from malt including ale, stout, and porter.

### **Table II-4: Alcohol Consumption Per Capita**

Readers should note that the original source material provided no indication as to the beverage strengths that were used in calculating the pure alcohol content. Figures in this table may not be comparable with other tables due to variations in the definitions, method of calculations or sources used. By definition:

"Spirits" are those alcoholic beverages which are obtained by the distillation of liquids containing ethyl-alcohol, with or without flavouring.

"Beer" is the beverage obtained from the alcoholic fermentation of yeast of a wort made from the aqueous extraction of mainly malted cereals, with or without the addition of unmalted cereals and other sugary materials. Unless otherwise stated in the footnotes, an alcohol content of 1.2% VOL is used as a maximum limit for alcohol-free and low alcohol.

"Wine" is the beverage obtained by the fermentation of fresh grapes or grape juice, which may have been alcoholically strengthened during the production and may have added flavourings.

#### **Tables II-5 and II-6: Liver Cirrhosis**

The cause of death is defined as "the disease or injury which initiated the train of morbid events leading directly to death, or the circumstances of the accident or violence which produced the fatal injury"<sup>1</sup>.

Figures are limited to those countries that report appropriately to the World Health Organization in accordance with the Basic Tabulation List of the 9th revision of the International Classification of Diseases (ICD-9), or with the List A of ICD-8. Liver cirrhosis corresponds to code 347 of the ICD-9 Basic Tabulation List and code A102 of the ICD-8.

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<sup>1</sup> World Health Organization, Manual of the International Statistical Classification of Diseases, Injuries and Causes of Death, Ninth Revision (1975) Vol.1, p. 763 (Geneva: World Health Organization, 1977).



TABLE II-1 WINE PRODUCTION BY COUNTRY, 1982-1991

Area & Country	(In thousand metric tonnes)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>AFRICA:</b>										
Algeria	151	188	139	94	91	92	62	50	48	50 <sup>1</sup>
Egypt	2	2	2	2 <sup>1</sup>	2 <sup>1</sup>	2 <sup>1</sup>	2 <sup>1</sup>	2 <sup>1</sup>	2 <sup>1</sup>	2 <sup>1</sup>
Ethiopia <sup>1</sup>	1	1	1	1	1	1	1	1	1	1
Madagascar <sup>1</sup>	7	7	8	8	8	8	8	9	9	9
Morocco	35	42	35	37	45	45	40	50	30	30 <sup>1</sup>
South Africa	895	917	908	831	767	880	916	944	952 <sup>2</sup>	963 <sup>2</sup>
Tunisia	51	58	68	57	40	42	20	23	27	41
Zimbabwe <sup>1</sup>	2	1	2	1	1	1	1	1	2	2
<b>Total Africa<sup>3</sup></b>	<b>1143</b>	<b>1216</b>	<b>1163</b>	<b>1031</b>	<b>955</b>	<b>1071</b>	<b>1051</b>	<b>1081</b>	<b>1070</b>	<b>1097</b>
<b>AMERICA:</b>										
Argentina	2498	2472	1881	1574	1857	2444	2063 <sup>2</sup>	2032 <sup>2</sup>	1910 <sup>1</sup>	1465 <sup>1</sup>
Bolivia <sup>1</sup>	2	2	2	2	2	2	2	2	2	2
Brazil	330	188	243	366	225	218	349	274	311	311 <sup>2</sup>
Canada <sup>1</sup>	46	53	61	50	57	55	54	27	46	50
Chile	610	490	385	438	335	300	423 <sup>2</sup>	390 <sup>2</sup>	398 <sup>2</sup>	390 <sup>1</sup>
Mexico <sup>1</sup>	225	231	206	219	192	197	197	174	163	145
Paraguay <sup>1</sup>	8	8	8	5	5	6	6	6	6	6
Peru	9 <sup>2</sup>	9 <sup>2</sup>	10 <sup>1</sup>	10 <sup>1</sup>	10 <sup>1</sup>	10 <sup>1</sup>	10 <sup>1</sup>	10 <sup>1</sup>	10 <sup>1</sup>	10 <sup>1</sup>
United States	1950	1476	1666	1720	1927	1620	1823	1551	1585	1490 <sup>1</sup>
Uruguay	84	75	67	71 <sup>2</sup>	71 <sup>2</sup>	74 <sup>2</sup>	106	85	90	80
<b>Total America<sup>3</sup></b>	<b>5761</b>	<b>5004</b>	<b>4528</b>	<b>4456</b>	<b>4681</b>	<b>4926</b>	<b>5032</b>	<b>4550</b>	<b>4520</b>	<b>3948</b>
<b>ASIA:</b>										
China	47 <sup>1</sup>	50 <sup>1</sup>	51 <sup>1</sup>	62 <sup>1</sup>	65 <sup>2</sup>	75 <sup>1</sup>	80 <sup>1</sup>	85 <sup>1</sup>	90 <sup>1</sup>	95 <sup>1</sup>
Cyprus	48 <sup>1</sup>	45 <sup>2</sup>	44 <sup>2</sup>	39 <sup>2</sup>	67 <sup>2</sup>	72 <sup>2</sup>	63 <sup>2</sup>	72 <sup>2</sup>	60 <sup>2</sup>	60 <sup>1</sup>
Israel	16	17	18	18	17	17	16	15	13	13 <sup>1</sup>
Japan	67 <sup>2</sup>	70 <sup>2</sup>	67 <sup>2</sup>	62 <sup>2</sup>	60 <sup>2</sup>	53 <sup>2</sup>	61 <sup>2</sup>	55 <sup>1</sup>	55 <sup>1</sup>	55 <sup>1</sup>
Lebanon	5	5 <sup>2</sup>	6 <sup>1</sup>	7 <sup>1</sup>	8 <sup>1</sup>	9	10	11	10 <sup>1</sup>	11 <sup>1</sup>
Macau <sup>1</sup>	2	2	2	2	2	2	2	2	2	2
Turkey	18	14	18	17	19	25	23	22	24	24 <sup>1</sup>
<b>Total Asia<sup>3</sup></b>	<b>203</b>	<b>204</b>	<b>206</b>	<b>208</b>	<b>239</b>	<b>254</b>	<b>255</b>	<b>263</b>	<b>254</b>	<b>260</b>
<b>EUROPE:</b>										
Albania	21 <sup>1</sup>	24 <sup>1</sup>	23 <sup>1</sup>	22 <sup>1</sup>	19 <sup>1</sup>	22 <sup>1</sup>	25 <sup>2</sup>	26 <sup>2</sup>	22 <sup>1</sup>	18 <sup>1</sup>
Austria	491	370	252	113	223	218	350	258	317	300 <sup>1</sup>
Belgium-										
Luxembourg	26	19	16	11	17	18 <sup>1</sup>	14 <sup>2</sup>	23	15	15 <sup>1</sup>
Bulgaria	574	455	516	386	390	359	340	257	293 <sup>2</sup>	293 <sup>1</sup>
Czechoslovakia	130	138	156	18 <sup>2</sup>	140	74 <sup>2</sup>	142	139	142	134 <sup>1</sup>
France	7995	6880	6415	7029	7422	6944	5753	6100	6553	6200 <sup>1</sup>
Germany <sup>4</sup>	1613	1339	888	610	1092	971	998	1449	949	1015
Greece	462	501	501	480	433	447	435	453	353	450 <sup>1</sup>
Hungary	677	626	507	289	442	326	471	371	547	547 <sup>1</sup>
Italy	7265	8328	7090	6234	7709	7587	6101	6033	5487	5915
Malta <sup>1</sup>	2	2	2	2	2	2	3	2	3	3
Portugal	1021	848	866	989	802	1085	370	750	1097	991
Romania	1307	949	1004	535	1185	806	642	391	598	600 <sup>1</sup>
Spain	3743	3091	3396	3238	3508	3998	2213	3113	4090	3107 <sup>2</sup>
Switzerland	172	151	103	109	118	110	105	160	120 <sup>2</sup>	124 <sup>1</sup>
United Kingdom	1	1	1	1	1	1	1	2 <sup>1</sup>	1 <sup>1</sup>	2 <sup>1</sup>
USSR, Former	3490	3510	3410	2650	1408	1469	1780	1930	1570	1800 <sup>1</sup>
Yugoslavia	858	788	629	461	756	642	576	486	517	500 <sup>1</sup>
<b>Total Europe<sup>3</sup></b>	<b>29847</b>	<b>28020</b>	<b>25773</b>	<b>23177</b>	<b>25666</b>	<b>25078</b>	<b>20318</b>	<b>21943</b>	<b>22673</b>	<b>22013</b>

**TABLE II-1 WINE PRODUCTION BY COUNTRY, 1982-1991 - Concluded**

Area & Country	(In thousand metric tonnes)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>OCEANIA:</b>										
Australia	403	340	396	451	389	401	408	500	445	400
New Zealand	47	58	42	60	49	38	39	45	49	49
<b>Total Oceania</b>	<b>450</b>	<b>398</b>	<b>438</b>	<b>512</b>	<b>438</b>	<b>439</b>	<b>447</b>	<b>545</b>	<b>494</b>	<b>449</b>
<b>World Total</b>	<b>37405</b>	<b>34842</b>	<b>32109</b>	<b>29383</b>	<b>31980</b>	<b>31768</b>	<b>27103</b>	<b>28381</b>	<b>29010</b>	<b>27767</b>

<sup>1</sup> United Nations, Food and Agriculture Organization estimate.

<sup>2</sup> Provisional or estimated figure.

<sup>3</sup> Figures are calculated from original data. Totals may not match due to rounding.

<sup>4</sup> Former Federal Republic of Germany only.

**Source:** United Nations, Department of Economic and Social Information and Policy Analysis, Statistical Division, Statistical Yearbook, Thirty-eighth issue, 1990/91 (New York: United Nations, 1993).



**TABLE II-2 DISTILLED ALCOHOLIC BEVERAGES PRODUCTION, EXCLUDING ETHYL ALCOHOL BY COUNTRY, 1981-1990**

Area & Country	(In thousand hectolitres)									
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>AFRICA:</b>										
Cape Verde	2	2	2	2	2	2	2	2	n.a.	n.a.
Egypt	6	7	7	7	7	2 <sup>1</sup>	n.a.	1	n.a.	n.a.
Ethiopia 2	36	46	45	59	57	67	62	50	n.a.	n.a.
Kenya	6	5	5	5	4	6	9	10	13	12
Liberia	9	9	8	2	2	3	n.a.	n.a.	n.a.	n.a.
Mauritius 3	51	52	51	49	46	48	53	59	64	n.a.
Mozambique	n.a.	n.a.	n.a.	n.a.	2	3	2	4	n.a.	n.a.
Réunion 3	80	68	84	90	102	90	81	65	73	59
Sierra Leone	3	3	1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
South Africa	419	396	397	460	511	n.a.	n.a.	n.a.	n.a.	n.a.
Tanzania	n.a.	n.a.	n.a.	n.a.	10	10	9	12	13	n.a.
Togo 1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	350	370	n.a.	n.a.
Tunisia	7	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Uganda	2	2	3 <sup>1</sup>	3 <sup>1</sup>	2 <sup>1</sup>	1 <sup>1</sup>	2	2	4	4
Zambia	4	n.a.	n.a.	n.a.	3	..	n.a.	n.a.	n.a.	n.a.
<b>Total Africa 4</b>	<b>994</b>	<b>969</b>	<b>983</b>	<b>1060</b>	<b>1118</b>	<b>1111</b>	<b>1122</b>	<b>1147</b>	<b>1195</b>	<b>1203</b>
<b>AMERICA:</b>										
Antigua & Barbuda 3	5	5	5	7	3	4	3	4	n.a.	n.a.
Barbados 3	33	27	28	27	39	38	31	33	44	54
Canada	950	870	850	830	800	750	750	750	780	n.a.
Colombia	n.a.	n.a.	192	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Cuba	385	570	586	656	618	577	601	644	674	n.a.
Dominica 3	4	4	3	3	3	3	3	n.a.	n.a.	n.a.
Dominican Republic	196	219	222	269	265	262	n.a.	n.a.	n.a.	n.a.
Ecuador	133	228	141	n.a.	n.a.	134	n.a.	n.a.	n.a.	n.a.
El Salvador	158	50	50	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
French Guyana 3	3	3	3	3	2	1	1	n.a.	n.a.	n.a.
Grenada 3	4	4	4	3	4	3	n.a.	n.a.	2	2
Guadeloupe 3	92	92	69	65	73	67	67	n.a.	n.a.	n.a.
Guatemala	354 <sup>1</sup>	242	270	266	260	269	282	150	n.a.	n.a.
Guyana 3,5	102	123	134	173	179	169	177	179	n.a.	n.a.
Jamaica 6	222	173	147	173	148	164	157	142 <sup>1</sup>	n.a.	n.a.
Martinique 3	108	101	105	99	93	97	100	85	n.a.	n.a.
Mexico	1702	n.a.	n.a.	n.a.	n.a.	n.a.	1835	1729	2815	2170
Nicaragua	120	120	147	119	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Panama	85	84	82	86	79	78	74	74	n.a.	n.a.
Paraguay	137	146	101	127	155	745	155	n.a.	n.a.	n.a.
St Lucia 3,7	4	3	4	4	4	4	n.a.	n.a.	n.a.	n.a.
St Vincent/Grenadines 3	5	5	5	4	6	5	5	4	4	6
Trinidad & Tobago 3	120	108	73	74	63	60	93	83	n.a.	n.a.
United States	14944	15355	14894	14447	13893	n.a.	n.a.	n.a.	n.a.	n.a.
<b>Total America 4</b>	<b>20058</b>	<b>20409</b>	<b>19873</b>	<b>19703</b>	<b>19155</b>	<b>19624</b>	<b>18709</b>	<b>18439</b>	<b>19398</b>	<b>18454</b>
<b>ASIA:</b>										
Cyprus	13	13	13	14	14	17	17	18	19	20
Hong Kong 8	41 <sup>1</sup>	38 <sup>1</sup>	43 <sup>1</sup>	36 <sup>1</sup>	29 <sup>1</sup>	26 <sup>1</sup>	28 <sup>1</sup>	18 <sup>1</sup>	2083	n.a.
Indonesia	15	31	12	9	12	33	43	n.a.	n.a.	n.a.
Israel 9	56	49	55	60	52	43	42	41	39	21
Japan 10	6433	7272	8508	9546	9702	8824	8725	10209	7174	8360
Jordan	10	9	9	9	5	5	5	5	5	n.a.
Mongolia	64	64	65	69	61	51	34	35	49	n.a.



**TABLE II-2 DISTILLED ALCOHOLIC BEVERAGES PRODUCTION, EXCLUDING ETHYL ALCOHOL BY COUNTRY, 1981-1990 - Continued**

Area & Country	(In thousand hectolitres)									
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>ASIA (Cont'd):</b>										
Nepal	5	3	3	10	13	13	21	21	n.a.	n.a.
Philippines <sup>11</sup>	1848	n.a.	2430 <sup>1</sup>	n.a.	n.a.	6155	n.a.	n.a.	n.a.	n.a.
Sri Lanka <sup>12</sup>	59 <sup>1</sup>	72	49	64	62	60	47	36	59	n.a.
Syrian Arab Rep.	170	180 <sup>1</sup>	150	170	180	190	180	140	n.a.	n.a.
Turkey <sup>13</sup>	426	389	411	428	456	476	485	546	587	n.a.
Viet Nam	n.a.	n.a.	n.a.	n.a.	n.a.	318	352	427	551	578
<b>Total Asia <sup>4</sup></b>	<b>9375</b>	<b>11864</b>	<b>12046</b>	<b>14222</b>	<b>14425</b>	<b>16211</b>	<b>13456</b>	<b>15008</b>	<b>14271</b>	<b>14284</b>
<b>EUROPE:</b>										
Austria	308	300	301	300	303	304	318	314	297	295
Bulgaria	586	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Czechoslovakia	1327	1405	1196	1264	1205	1224	1211	1227	1187	1326
Denmark	194	204	218	213	234	219	211	196 <sup>1</sup>	n.a.	n.a.
Finland <sup>14</sup>	588	596	546	568	597	657	669	669	716	715
France	2713	2771	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Germany	5868	5513	5610	5558	5547	5524	5507	5653	5604	3519 <sup>1</sup>
Greece <sup>8</sup>	401 <sup>1</sup>	363 <sup>1</sup>	385	403	438	439	n.a.	n.a.	n.a.	n.a.
Hungary	1150	1156	1125	1184	1353	1155	938	938	1010	981
Luxembourg	2	2	3	1	2	2	2	1	1	1
Netherlands <sup>16,17</sup>	1098	1098	1074	964	1032	958	887	806	787	n.a.
Norway <sup>16</sup>	34	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Poland <sup>16</sup>	1615	1576	1608	1653	1795	1871	1732	1722	1744	1510
Portugal	84	89	86	85	87	73	71	72	n.a.	n.a.
Romania	n.a.	n.a.	n.a.	n.a.	313	300	306	307	254	140
Spain	3731	3479	3326	3531	3292	3246	3083	2665	2746	n.a.
Sweden <sup>18</sup>	438	453	389	413	412	422	506	n.a.	n.a.	n.a.
Switzerland	n.a.	n.a.	n.a.	n.a.	n.a.	64	58	53	58	52
United Kingdom	n.a.	2844 <sup>1</sup>	2719 <sup>1</sup>	2824	2939	2964	3136	3569	n.a.	n.a.
<b>Total Europe <sup>4</sup></b>	<b>23218</b>	<b>22967</b>	<b>22417</b>	<b>22760</b>	<b>22976</b>	<b>22785</b>	<b>22446</b>	<b>22472</b>	<b>22436</b>	<b>22992</b>
<b>OCEANIA:</b>										
Australia	1627	1672 <sup>1</sup>	1288	1273	1376	n.a.	n.a.	n.a.	n.a.	n.a.
<b>Total Oceania <sup>4</sup></b>	<b>1627</b>	<b>1672</b>	<b>1288</b>	<b>1273</b>	<b>1376</b>	<b>1179</b>	<b>1090</b>	<b>1001</b>	<b>912</b>	<b>823</b>
<b>World Total <sup>4</sup></b>	<b>55272</b>	<b>57881</b>	<b>56607</b>	<b>59018</b>	<b>59050</b>	<b>60911</b>	<b>56823</b>	<b>58069</b>	<b>58211</b>	<b>57756</b>

<sup>1</sup> Provisional or estimated figure.

<sup>2</sup> Twelve months ending 7 July of year stated.

<sup>3</sup> Rum only.

<sup>4</sup> Totals include estimates of data marked "n.a." in the table.

<sup>5</sup> Original data in British proof gallons.

<sup>6</sup> Rum and Gin.

<sup>7</sup> Original data in proof gallons.

<sup>8</sup> Original data in metric tonnes.

<sup>9</sup> Marketed quantities.

<sup>10</sup> Twelve months beginning 1 April of year stated.



**TABLE II-2 DISTILLED ALCOHOLIC BEVERAGES PRODUCTION, EXCLUDING ETHYL ALCOHOL  
BY COUNTRY, 1981-1990 - Concluded**

- 11 Shipments.
- 12 Coconut spirit data for the years 1982-1988.
- 13 Government production only.
- 14 Including beverages from imported spirits.
- 15 Former Federal Republic of Germany only.
- 16 In terms of 100 per cent alcohol.
- 17 Industrial sales. Beginning 1986, production by establishments employing 20 or more persons.
- 18 Vermouths, blended from imported wines.

Source: United Nations, Department of International Economic and Social Affairs, Statistical Office, Industrial Statistics Yearbook, 1990 (New York: United Nations, 1993).



TABLE II-3

## BEER PRODUCTION BY COUNTRY, 1981-1990

Area & Country	(In thousand hectolitres)									
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>AFRICA:</b>										
Algeria	497	470	468	520	526	503	491	475	365	325
Angola	674	563	690	650 <sup>1</sup>	653	583	466	n.a.	n.a.	n.a.
Botswana	471	591	648	667	n.a.	n.a.	830	1002	1076	1214
Burkina Faso	748	693	701	701	525	422	389	401	398	350
Burundi	687	684	644	798	817	897	937	953	919	1107
Cameroon	n.a.	2859	3354	3976	4904	5308	5857	5105	n.a.	n.a.
Central African Rep.	203	187	211	218	276	280	299	n.a.	n.a.	n.a.
Chad	n.a.	125	114	135	152	118	107	109	115	116
Congo	646	691	788	906	882	897	762	744	n.a.	n.a.
Côte d'Ivoire	1348	1285	1400	1245	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Egypt	459	506	314	360	423	460	470	510	490	500
Ethiopia <sup>2</sup>	604	616	655	613	818	797	797	877	n.a.	n.a.
Gabon	628	696	733	770	850	888	n.a.	n.a.	n.a.	n.a.
Ghana	527	339	310	452	429	546	589	614	n.a.	n.a.
Kenya	2283	2337	2200	2280	2630	3010	3070	3140	3150	3311
Liberia	156	123	117	111	97	106	136	158	n.a.	n.a.
Madagascar	210	190	236	229	241	255	240	201	232	298
Malawi	729	657	889	622	658	627	675	659	757	752
Mali	10	9	9	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Mauritius	132	137	150	166	172	188	238	261	254	n.a.
Morocco <sup>3</sup>	402	376	383	393	411	n.a.	n.a.	n.a.	n.a.	n.a.
Mozambique	511	450	445	375	228	230	214	297	n.a.	n.a.
Niger	86	90	100	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Nigeria	8185	8376	7516	7355	8052	10160	6695	n.a.	n.a.	n.a.
Rwanda	599	629	555	576	631	578	596	711	n.a.	n.a.
Sao Tome, Principe	n.a.	n.a.	23 <sup>1</sup>	17 <sup>1</sup>	31 <sup>1</sup>	30 <sup>1</sup>	29 <sup>1</sup>	n.a.	n.a.	n.a.
Senegal	178	176	189	164	168	197	157	170	n.a.	n.a.
Seychelles	46	44	39	38	41	42	47	50	52	53
Sierra Leone	104	62	65	102	60	31	50	40	n.a.	n.a.
South Africa	9203	11440	11586	12400	12284	13751	16710	18330	18610	17750
Sudan	11	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Tanzania	643	642	650	670	758	652	588	530	537	n.a.
Togo	493	482	392	359	423	464	452	n.a.	n.a.	n.a.
Tunisia	323	357	423	396	373	355	347	405	n.a.	n.a.
Uganda	7	98	142	148	81	66	169	215	195	194
Zaire	2874	2954	3069	3699	4222	4284	n.a.	n.a.	n.a.	n.a.
Zambia	22006	22760	21861	4169 <sup>1</sup>	717 <sup>4</sup>	782 <sup>4</sup>	714 <sup>4</sup>	825 <sup>4</sup>	n.a.	n.a.
Zimbabwe	963	1074	1235	920	1100	n.a.	n.a.	n.a.	n.a.	n.a.
<b>Total Africa<sup>5</sup></b>	<b>60407</b>	<b>63798</b>	<b>63315</b>	<b>47312</b>	<b>46756</b>	<b>51186</b>	<b>51670</b>	<b>55013</b>	<b>56721</b>	<b>57265</b>
<b>AMERICA</b>										
Argentina	2102	2225	3157	4079	3827	5548	5861	5232	5110	3949
Barbados	77	73	74	58	55	63	73	76	80	91
Belize	34	31	32	24	23	21	22	24	27	32
Bolivia	1141	901	717	701	606	803	n.a.	n.a.	n.a.	n.a.
Brazil	28928	n.a.	25861	25980	27092	34005	33893	36445	42343	n.a.
Canada	23085	22658	23332	23558	23237	23547	n.a.	n.a.	n.a.	n.a.
Chile	1904	1797	1760	1781	1892	2050	2548	2650	2765	2653
Colombia	13536	13383	14494	n.a.	15509	16915	15355	11973	n.a.	n.a.
Cuba	2243	2421	2582	2607	2736	2931	3288	3324	3333	n.a.
Dominican Rep	1101	1119	999	945	1038	1099	1269	n.a.	n.a.	n.a.
Ecuador	728	769	626	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
El Salvador	427	420	344	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Grenada	12	13	12	12	14	16	17	20	21	25



**TABLE II-3 BEER PRODUCTION BY COUNTRY, 1981-1990 - Continued**

Area & Country	(In thousand hectolitres)									
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>AMERICA (Cont'd):</b>										
Guatemala	789 <sup>1</sup>	718	645	672	715	613	795	869	n.a.	n.a.
Guyana	92	74	45	77	80	80	95	134	n.a.	n.a.
Honduras	471	397	469	511	500 <sup>1</sup>	548 <sup>1</sup>	n.a.	n.a.	n.a.	n.a.
Jamaica	563	581	604	517	568	632	700	809	852	n.a.
Mexico	28653	28028	24139	25616	27215	27353	31482	33261	37355	38734
Nicaragua	480	470	503	522	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Panama	694	713	708	734	797	925	1014	871	n.a.	n.a.
Paraguay	632	696	717	753	768	887	918	903	106	107
Peru	5141	5556	5230	5388	5724	7477	8559	7018	5548	5732
Puerto Rico <sup>6</sup>	692	546	377	347	260	261	266	350	525	625
St Kitts & Nevis	12	10	9	9	10	11	14	15	16	n.a.
Suriname	142	147	151	150	142	112	124	99	117	n.a.
Trinidad & Tobago	239	367	356	347	274	246	371	349	n.a.	n.a.
United States <sup>7</sup>	227303	228007	228945	228955	228960	230588	229321	231985	n.a.	n.a.
Uruguay	n.a.	n.a.	n.a.	n.a.	468	678	709	603	n.a.	n.a.
<b>Total America <sup>7</sup></b>	<b>341831</b>	<b>338364</b>	<b>337512</b>	<b>340474</b>	<b>344119</b>	<b>359019</b>	<b>363078</b>	<b>364618</b>	<b>375194</b>	<b>374529</b>
<b>ASIA:</b>										
China <sup>8</sup>	9100	11730	16300	22400	31000	41301	54043	65600	64339	69221
Cyprus	198	210	228	232	247	257	271	296	318	342
India <sup>9</sup>	1575	1924	1673	1923	2030	2036	1492	1635	1972	n.a.
Indonesia	778	901	942	847	797	718	833	n.a.	n.a.	n.a.
Israel	439	402	408	415	511	523	536	556	511	567
Japan <sup>10</sup>	45416	48389	50534	45978	48522	50754	54922	58572	62869	65636
Jordan	74	77	63	50	46	45	46	45	46	n.a.
Korea, Rep. of	5992	6268	7096	7626	7919	8040	8789	10312	12108	13045
Lebanon <sup>1</sup>	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	130
Malaysia	1176	1181	954	998	1026	1013 <sup>1</sup>	988	1115	1263	1401
Mongolia	101	94	91	97	89	65	50	49	67	n.a.
Myanmar <sup>11</sup>	36	33	34	40	57	50	17	10	21	n.a.
Nepal <sup>12</sup>	13	20	31	23	60	37	52	63	73	n.a.
Philippines	5219	n.a.	9260	19030	11395	8780	1175	n.a.	n.a.	n.a.
Sri Lanka	52	51	55	61	74	85	92	92 <sup>1</sup>	60	n.a.
Syrian Arab Rep.	89	83	81	89	94	101	91	83	95	99
Thailand	1054	1217	1456	1639	1052	863	973	1303	1801	2635
Turkey	2932	3036	3226	2622	1965	1890	2440	2671	3004	n.a.
Viet Nam	590	558	527	845	866	872	840	976	892	1000
Yemen <sup>13</sup>	3	55	61	66	70	59	50	n.a.	n.a.	n.a.
<b>Total Asia <sup>5</sup></b>	<b>74967</b>	<b>86574</b>	<b>93150</b>	<b>105111</b>	<b>107950</b>	<b>117619</b>	<b>127830</b>	<b>151823</b>	<b>157417</b>	<b>165955</b>
<b>EUROPE:</b>										
Austria	8181	8313	8403	8440	8836	9017	8638	8938	9174	9799
Belarus	3095	3206	3241	3296	3360	2746	3044	3093	3222	3283
Belgium	13811	14629	14224	14311	13931	13715	13988	13792	13164	14141
Bulgaria	5128	5477	5505	5764	5838	6023	6212	6332	6720	6507
Czechoslovakia	23934	24912	24957	23768	22354	22789	22228	22670	23333	23527
Denmark	9747	10122	11038	8671	8286	9064	8754	9160 <sup>1</sup>	n.a.	n.a.
Finland	2818	2810	2840	2968	3110	3238	3509	3752	3947	4151
France	21852	22409	22086	20280	19300	19000	n.a.	n.a.	n.a.	n.a.
Germany	114948	116320	116695	111809	112183	112792	111090	111565	112604	99150 <sup>14</sup>
Greece <sup>3</sup>	3100	2930	2850	2970	3262	3103	n.a.	n.a.	n.a.	n.a.
Hungary	7987	7882	7830	7962	8740	8963	9045	9425	9722	9918
Iceland	33	34	30	36	34	31	38	51	n.a.	n.a.
Ireland <sup>7</sup>	5000 <sup>1</sup>	4000 <sup>1</sup>	4223	4214	4352	4479	4360	4624	5094	n.a.
Italy	9016	10543	10320	9201	10381	11372	11503	11589	10615	n.a.



TABLE II-3

## BEER PRODUCTION BY COUNTRY, 1981-1990 - Continued

Area & Country	(In thousand hectolitres)									
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>EUROPE: (Cont'd)</b>										
Luxembourg	779	751	651	634	738	732	662	635	618	600
Netherlands <sup>15</sup>	16639	16180	17330	17050	17530	17990	17550	17530	18810	20160
Norway	2131	2013	1911	1944	1991	n.a.	2198	2238	2229	n.a.
Poland	10514	10617	10306	9867	11078	11307	11897	12238	12082	11294
Portugal	4035	3608	4265	3682	3795	4128	4977	5462	n.a.	n.a.
Romania	9730	9911	9928	9845	9847	10603	10364	10655	11513	10527
Spain	19296	19122	20823	21464	22475	23510	24788	26141	27546	n.a.
Sweden	3684	3694	3705	3616	3784	3979	4106	n.a.	n.a.	n.a.
Switzerland <sup>16</sup>	4201	4205	4171	4078	4076	4087	4045	4049	4121	4143
Ukraine	13804	14256	14627	14460	14756	10926	11850	12951	13749	13778
United Kingdom	61716	59784	60324	60105	59655	59439	59895	60156	54950	70800
USSR, Former <sup>17</sup>	62976	64673	66081	65385	65721	48907	50711	55811	60182	62507
Yugoslavia	12163	13469	12398	10925	10656	11643	12054	11970	11286	n.a.
<b>Total Europe <sup>5</sup></b>	<b>433419</b>	<b>438408</b>	<b>442894</b>	<b>428989</b>	<b>431953</b>	<b>422027</b>	<b>424046</b>	<b>433593</b>	<b>435501</b>	<b>466739</b>
<b>OCEANIA:</b>										
Australia <sup>6,18</sup>	19868	19677	19724	18729	18553	18627	18589	18912	19508	19390
Fiji	182	195	191	185	178	160	148	157	175	194
French Polynesia	82	91	96	94	95	118	120	125	121	n.a.
New Caledonia	42	47	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
New Zealand <sup>16</sup>	3826	3755	3679	3839	3863	4062	4087	3925	3916	3890
Papua New Guinea	469	522	461	474 <sup>1</sup>	550 <sup>1</sup>	555 <sup>1</sup>	n.a.	n.a.	n.a.	n.a.
<b>Total Oceania <sup>5</sup></b>	<b>24469</b>	<b>24287</b>	<b>24196</b>	<b>23366</b>	<b>23283</b>	<b>23567</b>	<b>23546</b>	<b>23736</b>	<b>24352</b>	<b>24254</b>
<b>World Total <sup>5</sup></b>	<b>935092</b>	<b>951431</b>	<b>961066</b>	<b>945252</b>	<b>954069</b>	<b>973418</b>	<b>990171</b>	<b>1028784</b>	<b>1049185</b>	<b>1088742</b>

<sup>1</sup> Provisional or estimated figure.

<sup>2</sup> Twelve months ending 7 July of the year stated.

<sup>3</sup> Including some carbonated drinks.

<sup>4</sup> Incomplete coverage.

<sup>5</sup> Totals include estimates of data marked "n.a." in the table.

<sup>6</sup> Twelve months ending 30 June of year stated.

<sup>7</sup> Twelve months ending 30 September of year stated.

<sup>8</sup> Original data in metric tonnes.

<sup>9</sup> Production by large and medium scale establishments only.

<sup>10</sup> Twelve months beginning 1 April of year stated.

<sup>11</sup> Government production only.

<sup>12</sup> Twelve months beginning 16 July of year stated.

<sup>13</sup> Former Democratic Yemen only.

<sup>14</sup> Former Federal Republic of Germany only.

<sup>15</sup> Industrial sales.

<sup>16</sup> Sales by breweries.

<sup>17</sup> Data include Belarus and Ukraine.

<sup>18</sup> Excluding light beer containing less than 1.15% by volume of alcohol.

Source: United Nations, Department of International Economic and Social Affairs, Statistical Office, *Industrial Statistics Yearbook 1990* (New York: United Nations, 1993).



TABLE II-4 ALCOHOL<sup>1</sup> CONSUMPTION PER CAPITA BY COUNTRY, 1982-1991

		(In litres)									
Area & Country		1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>AFRICA:</b>											
Algeria	T	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.3	0.2
	S	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	B <sup>2</sup>	3.3	3.3	3.4	3.4	2.7	3.3	1.8	1.5	2.6	1.3
	W	0.9	0.9	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Morocco	T	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
	S	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	B <sup>2</sup>	1.8	1.7	1.7	1.6	1.8	2.1	2.1	2.0	2.0	2.0
	W	1.3	1.3	1.3	1.3	1.6	1.6	1.6	1.6	1.9	1.9
South Africa	T	4.1	4.1	4.3	4.2	4.5	4.5	4.7	4.8	4.9	4.7
	S	1.2	1.2	1.2	1.1	1.3	1.0	1.1	1.1	1.2	1.0 <sup>3</sup>
	B <sup>4</sup>	36.3	37.2	39.6	38.8	41.8	46.4	50.9	52.0	52.5 <sup>3</sup>	52.0 <sup>3</sup>
	W	9.1	9.3	9.7	9.7	9.3	9.1	8.9	9.1	9.3	9.0
Tunisia	T	0.6	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.5	0.5
	S	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	B <sup>2</sup>	4.9	5.8	5.7	5.8	4.6	3.6	5.0	5.1	5.2	4.8
	W	3.0	3.1	3.2	3.2	3.2	3.2	3.1	2.5	2.2	2.2
<b>AMERICA:</b>											
Argentina	T	10.0	9.9	9.6	8.9	9.0	8.8	8.1	7.7	7.5	7.5
	S	0.9	1.0	1.0 <sup>3</sup>	1.0 <sup>3</sup>	1.0 <sup>3</sup>	1.0 <sup>3</sup>	0.5 <sup>3</sup>	0.2	0.1	0.2
	B <sup>5</sup>	7.7	10.6	13.2	13.0	17.5	18.5	16.2	18.6	18.6	19.5
	W	72.5	69.7	66.0	60.7	59.6	57.6	56.5	54.7	54.2	52.4
Brazil	T	1.5	1.4	1.4	1.4	1.9	1.9	1.8	3.6	3.4	3.6
	S	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	1.5	1.3	1.3
	B <sup>2</sup>	23.3	22.4	21.4	22.3	31.6	33.6	33.1	37.3	38.6	42.4
	W	2.6	2.5 <sup>3</sup>	2.5 <sup>3</sup>	2.5 <sup>3</sup>	2.4	1.5	1.5	1.8	1.8	1.8
Canada <sup>6</sup>	T	8.6	8.4	8.2	8.0	7.9	7.8	7.9	7.7	7.4	7.1
	S	3.3	3.1	2.8	2.7	2.6	2.5	2.5	2.5	2.3	2.2
	B	85.3	83.7	83.8	83.0	82.1	81.9	83.1	81.8	80.6	78.3
	W	9.2	9.5	9.5	9.9	10.2	10.0	10.3	9.9	9.4	8.9
Chile	T	7.4	5.4	6.2	6.3	5.7	5.9	6.3	6.3	6.4	6.3
	S	n.a.	n.a.	0.7	0.7 <sup>3</sup>	0.7 <sup>3</sup>	0.7 <sup>3</sup>	1.0 <sup>3</sup>	1.0 <sup>3</sup>	1.6 <sup>3</sup>	1.6 <sup>3</sup>
	B	16.5	15.1	15.0	16.2	16.6	20.7	21.9	22.7	23.0	22.4
	W	54.7	39.1	39.7	40.0	35.0	35.0	35.0	35.0	30.0	29.5
Colombia	T	2.3	2.6	2.5	2.6	2.7	2.8	3.0	2.9	3.0	3.3
	S	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	B <sup>2</sup>	45.7	51.0	50.0	52.3	54.7	56.3	59.5	57.7	60.7	65.0
	W	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Cuba	T	2.8	2.8	2.9	3.1	3.2	3.5	3.6	3.6	3.6	3.6
	S	1.5	1.4	1.5	1.6	1.7	1.8	1.9	1.9	2.0	2.0
	B	31.2	31.5	31.7	32.0	32.0	28.8	27.1	26.1	26.1	24.8
	W	0.7	0.7	0.7	0.8	0.6	0.7	0.7	0.6	0.6	0.6
Mexico	T	2.2	2.3	3.4	2.6	2.6	2.8	2.7	3.1	3.0	3.0
	S	n.a.	n.a.	0.9	0.9	0.8	0.9	0.8	0.9	0.8	0.8
	B	43.3	45.9	48.3	32.7	35.0	36.4	38.1	43.4	43.1	44.2
	W	0.2	0.2	0.5	0.3	0.3	0.3	0.2	0.2	0.2	0.2
Paraguay	T	1.8	1.8	1.9	1.9	1.5	1.9	1.4	1.7	1.2	1.7
	S	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	B <sup>2</sup>	31.2	31.7	32.6	34.0	25.7	34.2	22.6	28.6	18.5	29.1
	W <sup>2</sup>	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0



TABLE II-4 ALCOHOL CONSUMPTION PER CAPITA BY COUNTRY, 1982-1991 - Continued

		(In litres)									
Area & Country		1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>AMERICA (Cont'd):</b>											
Peru	T	1.5	1.5	1.4	1.6	1.9	2.2	1.6	1.4	1.4	1.5
	S	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	B	29.2	29.3	27.5	30.0	36.7	43.3	30.9	27.4	25.9	29.0
	W	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5
United States	T	8.2	8.1	8.0	8.0	7.7	7.6	7.5	7.3	7.4	7.0
	S	2.9	2.9	2.8	2.7	2.5	2.4	2.3	2.3	2.3	2.1
	B <sup>7</sup>	92.0	92.0	90.7	90.3	90.8	90.1	89.3	88.6	90.8	87.4
	W	8.3	8.4	8.7	9.2 <sup>a</sup>	9.2 <sup>a</sup>	9.1 <sup>a</sup>	8.6	8.0	7.7	7.2
Uruguay	T	6.0	5.7	5.6	5.3	5.2	5.7	5.7	5.7	5.7	5.8
	S	1.6	1.2	1.4	1.5	1.5	1.6	1.6	1.6	1.6	1.6
	B	20.3	14.9	14.4	17.7	20.3	20.8	21.0	21.7	22.4	22.4
	W	28.6	31.5	29.3	24.3	22.0	25.7	25.0	25.0	25.0	25.4
Venezuela	T	3.7	3.6	3.6	3.1	3.1	3.7	4.2	3.2	3.3	3.3
	S	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	B <sup>2</sup>	71.4	71.1	70.2	59.5	60.7	72.4	82.3	61.8	63.5	63.8
	W	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
<b>ASIA:</b>											
Cyprus	T	5.3	5.6	5.7	5.9	6.3	6.6	7.2	7.3	7.7	7.5
	S	2.1	2.3	2.3	2.4	2.6	2.7	3.0	3.0	3.2	3.3
	B	36.6	39.4	39.7	42.0	44.5	46.7	50.5	54.1	57.1	54.7
	W	11.1	11.1	11.8	11.9	11.9	13.2	13.7	13.6	13.5	12.6
Israel	T	1.0	1.0	0.9	1.0	1.0	1.0	1.1	1.1	0.9	0.9
	S	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	B <sup>2</sup>	10.0	9.9	10.0	12.1	12.2	12.2	12.6	12.6	10.5	10.7
	W	4.3	4.0	3.0	3.0	3.0	3.0	4.0	4.0	3.5	3.2
Japan	T <sup>9</sup>	5.6	5.8	5.8	5.7	5.9	6.3	6.7	6.3	6.5	6.3
	S	2.0	2.2	2.5	2.4	2.4	2.3	2.5	2.1	2.2	2.0
	B	39.5	40.1	38.1	38.0	40.4	43.2	46.6	49.1	52.3	53.9
	W	0.7	0.7	0.7	0.7	0.7	0.8	1.0	1.1	1.1	0.9
Malaysia	T	0.5	0.4	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.5
	S	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
	B	7.7	6.1	6.2	6.4	5.9	5.6	6.0	6.6	7.6	7.2
	W	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Turkey	T	0.8	0.8	0.6	0.6	0.5	0.6	0.4	0.5	0.7	0.8
	S <sup>2</sup>	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2 <sup>3</sup>	0.3 <sup>3</sup>	0.4 <sup>3</sup>
	B <sup>2</sup>	6.4	6.8	5.4	4.0	3.8	4.0	4.0	4.4	6.2	6.8
	W <sup>2</sup>	0.4	0.3	0.4	1.0	0.4	0.5	0.4	0.4	0.4	0.5
<b>EUROPE:</b>											
Austria	T	9.9	10.2	10.0	9.9	10.0	10.1	10.1	10.3	10.4	10.3
	S	1.5	1.6	1.5	1.5	1.5 <sup>3</sup>	1.5 <sup>3</sup>	1.5 <sup>3</sup>	1.5 <sup>3</sup>	1.5	1.5 <sup>3</sup>
	B <sup>10</sup>	108.5	109.4	107.7	111.6	118.5	118.3	117.8	119.3	121.3	123.7
	W <sup>11</sup>	35.3	37.4	36.4	34.3	32.8	33.9	34.2	35.2	35.0	33.7
Belgium	T	10.8	10.8	10.6	10.5	10.3	10.7	10.0	9.5	9.9	9.4
	S	2.0	2.2	1.9	2.1	2.0	2.2	1.5	1.2	1.2	1.2
	B	132.7	128.0	126.3	121.0	119.8	121.1	118.6	114.9	120.7	111.3
	W	21.7	21.7	22.9	22.7	21.7	23.0	23.2	23.0	24.9	23.9



TABLE II-4 ALCOHOL<sub>1</sub> CONSUMPTION PER CAPITA BY COUNTRY, 1982-1991 - Continued

Area & Country		(In litres)									
		1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>EUROPE: (Cont'd)</b>											
Bulgaria	T	9.0	8.8	9.2	8.8	9.3	8.9	9.1	9.3	9.3	7.8
	S	3.1	3.0	3.2	3.2	3.4	2.8	2.9	3.2	3.2	2.8
	B	59.5	61.2	63.6	63.3	64.3	66.4	67.4	70.3	66.8	50.3
	W	24.8	22.6	23.4	20.2	22.1	22.5	23.2	21.8	23.4	20.4
Czechoslovakia	T	9.8	9.6	9.5	9.4	9.0	8.6	8.5	8.7	8.8	8.6
	S	3.6	3.3	3.3	3.5	3.4	3.3	3.3	3.4	3.3	3.3
	B	146.3	147.8	140.1	130.8	133.4	130.0	131.7	131.8	135.0	135.0
	W <sup>12</sup>	14.6	14.6	15.5	16.0	12.3	13.7	13.0	13.8	13.9	13.9
Denmark	T	10.0	10.4	9.9	9.9	10.0	9.6	9.7	9.6	9.9	9.9
	S	1.6	1.6	1.5	1.6	1.6	1.5	1.4	1.4	1.3	1.3
	B <sup>13</sup>	128.6	134.0	129.8	121.3	125.8	118.1	119.9	123.4	126.2	125.9
	W	17.4	18.9	18.9	20.7	19.8	20.6	21.6	19.2	21.3	22.0
Finland	T	6.4	6.4	6.5	6.5	6.9	7.1	7.3	7.6	7.7	7.4
	S <sup>14</sup>	3.0	3.0	3.1	3.0	3.2	3.2	3.1	3.2	3.0	2.6
	B <sup>15</sup>	56.0	57.4	59.5	61.7	65.4	68.1	74.1	79.4	83.5	85.3
	W	5.2	5.0	4.7	4.5	4.9	5.1	5.5	6.0	6.5	7.4
France	T <sup>16</sup>	14.4	14.0	13.5	13.3	13.2	13.0	12.6	12.8	12.6	11.9
	S	2.4	2.4	2.2	2.3	2.3	2.4	2.5	2.6	2.5	2.5
	B <sup>17</sup>	43.7	43.7	41.2	40.1	40.4	38.9	39.2	40.8	41.5	40.5
	W	88.0	85.0	82.0	79.7	76.4	75.1	74.3	74.1	72.7	66.8
Germany <sup>18</sup>	T	10.8	10.9	10.6	10.7	10.5	10.6	10.5	10.5	10.8	10.9
	S	3.0	2.9	2.8	2.9	2.8	2.9	2.8	2.7	2.8	2.7
	B <sup>19</sup>	147.9	148.2	144.2	144.7	145.5	143.6	143.0	143.5	142.7	142.7
	W	21.6	23.2	22.5	22.3	20.6	22.8	23.0	23.3	24.9	24.9
Greece	T	8.9	9.6	9.5	8.9	7.3	8.1	8.3	8.4	8.6	8.6
	S	3.2	2.9	2.7	2.8	2.7	2.5	2.8	2.9	2.7	2.7
	B	29.5	29.0	31.2	33.2	34.8	35.9	39.0	38.4	39.8	40.0
	W	35.3	44.1	43.9	37.3	23.7	31.8	29.9	29.9	32.8	32.4
Hungary	T	11.6	11.3	11.7	11.6	11.4	10.7	10.4	10.9	10.7	10.5
	S	4.8	4.8	5.1	5.5	5.3	4.7	4.5	5.0	4.3	3.4
	B	89.7	88.8	87.1	92.4	99.4	100.2	101.5	103.0	107.0	107.0
	W	31.8	29.6	30.7	24.8	23.2	21.5	20.5	20.0	24.0	30.0
Iceland	T	3.9	4.1	4.1	4.0	4.1	4.0	4.1	4.1	3.9	3.9
	S	2.1	2.1	2.2	2.3	2.4	2.4 <sup>3</sup>	2.4 <sup>3</sup>	2.2	2.1	2.1 <sup>3</sup>
	B	14.9	16.2	17.1	17.0	15.8	16.0	18.0	27.5	25.4	24.2
	W	6.8	7.7	7.9	7.3	6.8	6.8 <sup>3</sup>	6.8 <sup>3</sup>	4.4	4.4	4.4
Ireland	T <sup>20</sup>	6.7	6.1	6.5	6.8	6.7	6.5	6.7	7.1	7.4	7.4
	S	1.7	1.4	1.5	1.8	1.7	1.6	1.7	1.7	1.7 <sup>3</sup>	1.7 <sup>3</sup>
	B	115.0	108.0	108.4	108.5	106.8	106.5	109.0	115.6	123.9	123.0
	W	3.4	3.2	3.5	3.5	3.5	3.5	3.1	4.2	4.4	4.6
Italy	T	13.0	12.3	12.1	11.6	10.2	11.2	10.0	9.9	9.0	8.4
	S	1.9	1.2	1.2 <sup>3</sup>	1.2 <sup>3</sup>	1.2 <sup>3</sup>	1.2	1.2	1.1	1.1	1.0
	B	20.6	20.9	19.5	21.6	19.5	25.6	23.5	21.6	23.0	22.5
	W	91.4	91.4	90.5	84.8	73.3	79.0	70.0	69.7	61.4	56.8
Luxembourg	T	11.1	11.9	12.7	12.1	11.9	12.1	12.0	12.5	12.2	12.3
	S	1.7	1.8	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	B	120.6	121.8	120.7	120.4	119.8	116.5	115.8	119.3	121.4	116.1
	W	48.3	53.6	62.5	57.3	55.4	58.5	58.3	61.4	58.2	60.3



TABLE II-4 ALCOHOL CONSUMPTION PER CAPITA BY COUNTRY, 1982-1991 - Continued

Area & Country		(In litres)									
		1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
EUROPE (Cont'd):											
Netherlands	T <sup>12</sup>	8.7	8.9	8.6	8.5	8.6	8.3	8.3	8.2	8.1	8.2
	S	2.6	2.6	2.4	2.2	2.2	2.1	2.1	1.9	2.0	2.0
	B <sup>17</sup>	82.0	87.5	83.4	84.5	86.0	84.3	83.3	87.5	87.7	88.5
	W	14.2	13.9	15.2	15.0	14.9	14.6	14.8	14.9	14.5	15.3
Norway	T	3.8	3.8	4.0	4.2	4.2	4.4	4.2	4.2	4.1	4.1
	S	1.2	1.3	1.3	1.4	1.3	1.3	1.2	1.1	1.0	0.9
	B <sup>21</sup>	47.1	45.3	46.8	47.5	50.8	51.4	51.6	51.8	52.5	52.8
	W	3.5	4.0	4.4	5.1	5.2	5.9	6.4	6.4	6.4	6.9
Poland	T	6.4	6.4	6.5	7.0	7.2	7.2	7.1	7.0	6.2	7.1
	S	4.2	4.1	4.2	4.6	4.7	4.7	4.6	4.5	3.8	4.5
	B	28.6	27.5	26.6	29.5	29.7	30.4	30.8	31.3	30.4	35.0 <sup>3</sup>
	W	6.3	7.8	8.3	7.9	8.2	8.4	7.7	7.7	7.4	7.4
Portugal	T	12.1	13.4	12.7	13.1	11.2	10.9	9.9	10.4	10.1	11.6
	S	0.8	0.8	0.8	0.8	0.8 <sup>3</sup>	0.8 <sup>3</sup>	0.8 <sup>3</sup>	0.8 <sup>3</sup>	0.8 <sup>3</sup>	0.8 <sup>3</sup>
	B	37.4	38.5	35.4	38.1	38.8	47.0	53.1	63.8	65.1	67.4
	W	78.4	89.1	84.2	87.0	70.8	64.3	54.0	53.0	50.0	62.0
Romania	T	7.6	7.6	7.6	7.6	7.8	7.8	7.9	6.6	7.3	6.4
	S <sup>3</sup>	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
	B	45.0	45.0	44.0	44.4	48.2	48.6	51.0	50.9	43.6	42.1
	W	28.0 <sup>3</sup>	28.0 <sup>3</sup>	28.0 <sup>3</sup>	28.0 <sup>3</sup>	28.0 <sup>3</sup>	28.0 <sup>3</sup>	28.0 <sup>3</sup>	16.9	26.0	19.0
Spain	T	12.7	12.8	11.5	11.6	11.6	11.8	11.1	10.8	10.8	10.4
	S	3.0	3.0	2.8	2.8	2.9	2.9	2.8	2.8	2.7	2.7
	B <sup>18</sup>	56.9	58.4	59.0	61.0	62.0	66.8	68.7	71.7	71.8	70.9
	W	57.0	57.0	48.0	48.0	47.0	46.0	40.6	36.9	37.4	34.3
Sweden	T	5.5	5.2	5.2	5.2	5.5	5.4	5.5	5.6	5.5	5.5
	S	2.5	2.3	2.1	2.1	2.1	2.0	1.9	1.9	1.7	1.7
	B <sup>22</sup>	46.6	44.7	44.5	46.8	50.0	51.5	54.8	57.6	59.8	59.3
	W	10.4	10.8	11.6	11.7	12.0	11.8	12.1	12.5	12.2	12.3
Switzerland	T <sup>12</sup>	11.3	11.1	11.1	11.2	11.0	11.0	11.0	10.9	10.8	10.7
	S	2.2	2.2	2.1	2.2	2.1	2.1	2.0	1.9	1.8	1.8
	B	71.9	70.3	68.8	69.2	69.4	69.3	68.7	69.3	69.8	70.1
	W	49.3	48.3	49.9	49.6	48.6	49.5	49.9	49.5	49.4	48.7
United Kingdom	T <sup>23</sup>	6.9	7.2	7.2	7.4	7.4	7.5	7.6	7.6	7.6	7.4
	S	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.7	1.6
	B <sup>24</sup>	109.8	111.2	110.9	110.1	109.7	110.4	110.9	110.4	109.5	106.2
	W	7.8	8.5	9.6	10.0	10.4	11.0	11.4	11.7	11.6	11.5
USSR, Former	T	6.0	6.1	6.6	5.7	3.5	3.2	3.6	3.8	3.7	n.a.
	S	3.3 <sup>3</sup>	3.3 <sup>3</sup>	3.7	3.1	1.9	1.6	1.8	2.0	2.0	n.a.
	B	24.0	24.3	24.1	24.0	17.8	18.2	19.8	20.0	18.1	n.a.
	W	12.9	12.9	14.5	11.6	5.6	5.7	6.4	6.5	6.9	n.a.
Yugoslavia	T	8.2	8.0	7.7	6.3	8.0	7.4	6.6	6.4	6.6	6.6
	S	2.3	2.2	2.1	1.9	2.2	1.8	1.6	1.6	1.6	1.6 <sup>3</sup>
	B	47.8	48.3	48.8	45.9	50.9	49.2	48.5	46.0	46.0	46.0 <sup>3</sup>
	W	29.0	27.8	26.5	17.4	27.5	26.0	21.1	21.1	22.1	22.1
OCEANIA:											
Australia <sup>11</sup>	T	9.5	9.3	8.9	9.0	8.7	8.7	8.5	8.4	8.0	7.7
	S	1.2	1.1	1.2	1.3	1.2	1.2	1.3	1.3	1.2	1.1
	B <sup>5</sup>	121.6	117.8	114.5	115.5	111.3	110.8	113.1	111.6	108.2	101.9
	W	19.7	20.4	21.3	21.6	21.0	20.6	19.1	18.3	17.7	18.6



**TABLE II-4 ALCOHOL<sup>1</sup> CONSUMPTION PER CAPITA BY COUNTRY, 1982-1991 - Concluded**

Area & Country		(In litres)									
		1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b><u>OCEANIA (Cont'd):</u></b>											
New Zealand	T	9.6	8.9	9.3	8.2	8.3	8.4	7.7	7.8	7.8	7.8
	S	2.0	1.7	1.8	1.7	1.4	1.6	1.3	1.4	1.6	1.6
	B	121.1	114.0	116.9	115.2	120.8	121.7	115.2	116.8	110.8	109.5
	W	13.2	12.8	14.1	14.3	16.2	15.3	14.8	14.3	14.7	15.1

Note: T = Total absolute alcohol consumption per capita      B = Beer consumption - litres of beverage per capita  
S = Spirit consumption - litres of absolute alcohol per capita      W = Wine consumption - litres of beverage per capita

**Totals and Spirits are calculated in litres of pure alcohol.**  
**Beer and Wine data are in beverage volumes not absolute alcohol equivalent**

- 1 Abbreviations are used for sectors: T=Total, S=Spirits, B=Beer, W=Wine. Totals and Spirits are calculated in litres of pure alcohol.
- 2 Data estimated from original production figures.
- 3 Provisional or estimated data.
- 4 Excluding beer made from sorghum.
- 5 Including low alcohol and alcohol-free beer, market share in 1991: less than 0.5%.
- 6 Twelve months ending 31 March of year stated.
- 7 Including low alcohol and alcohol-free beer, market share in 1991: less than 1%.
- 8 Including wine-coolers.
- 9 Including saké.
- 10 Including low alcohol and alcohol-free beer, market share in 1991: 2.3%.
- 11 Twelve months beginning 1 July of year stated.
- 12 Including fruit wine.
- 13 Including low alcohol and alcohol-free beer, market share in 1991: 2.5%.
- 14 Including Long drinks.
- 15 Including low alcohol and alcohol-free beer, market share in 1991: less than 2%.
- 16 Including cider.
- 17 Including low alcohol and alcohol-free beer, market share in 1991: 7.6%.
- 18 Prior to 1991, rates are calculated based on the weighted average of the former Federal Republic of Germany and the former Democratic Republic of Germany.
- 19 Including low alcohol and alcohol-free beer, market share in 1991: 3.5%.
- 20 Including cider and perry.
- 21 Including low alcohol and alcohol-free beer, market share in 1991: 7.2%.
- 22 Including light beer (2.3% vol).
- 23 Including made wine and cider.
- 24 Including low alcohol and alcohol-free beer, market share in 1991: 1.2%.

Source: Produktschap Voor Gedistilleerde Dranken / Commodity Board for the Distilled Spirits Industry, *World Drink Trends 1993* (Oxfordshire, U.K.: N.T.C. Publications Ltd., 1994).



**TABLE II-5 NUMBER OF DEATHS FROM CHRONIC LIVER DISEASE AND CIRRHOSIS BY SEX AND COUNTRY, 1981-1990**

Area & Country		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>AFRICA:</b>											
Egypt	T	n.a.	3560	n.a.	n.a.	n.a.	n.a.	3979	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	2631	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	1348	n.a.	n.a.	n.a.
Mauritius	T	86	211	109	91	117	143	131	148	154	86
	M	72	100	96	75	106	127	113	130	136	74
	F	14	111	13	16	11	16	18	18	18	12
Saint Helena	T	n.a.	2	n.a.	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Sao Tome & Principe	T	n.a.	n.a.	n.a.	n.a.	13	n.a.	15	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Seychelles	T	1	8	n.a.	n.a.	n.a.	n.a.	3 <sup>1</sup>	n.a.	n.a.	n.a.
	M	1	7	n.a.	n.a.	n.a.	n.a.	2	n.a.	n.a.	n.a.
	F	-	1	n.a.	n.a.	n.a.	n.a.	1	n.a.	n.a.	n.a.
Zimbabwe	T	n.a.	n.a.	n.a.	n.a.	n.a.	348	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
<b>AMERICA:</b>											
Antigua & Barbuda	T	n.a.	n.a.	9	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	6	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Argentina	T	3812	3844	3977	3927	3140	3121	3382	3494 <sup>2</sup>	3256 <sup>2</sup>	n.a.
	M	2876	2895	2988	3031	2386	2340	2559	2616	2472	n.a.
	F	936	949	989	896	754	781	823	878	784	n.a.
Bahamas	T	25	54	42	36	36 <sup>3</sup>	n.a.	44	n.a.	n.a.	n.a.
	M	12	n.a.	25	n.a.	25	n.a.	28	n.a.	n.a.	n.a.
	F	13	n.a.	17	n.a.	11	n.a.	16	n.a.	n.a.	n.a.
Barbados	T	14	15	12	9	19	9	n.a.	27	n.a.	n.a.
	M	6	7	8	6	n.a.	7	n.a.	22	n.a.	n.a.
	F	8	8	4	3	n.a.	2	n.a.	5	n.a.	n.a.
Belize	T	n.a.	7	9	11	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	4	8	6	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	3	1	5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Bermuda	T	15	n.a.	4	11	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	8	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Brazil	T	n.a.	n.a.	10213	11011 <sup>4</sup>	11069 <sup>4</sup>	12393 <sup>4</sup>	12191	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	8739	8746	9922	9715	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	2272	2323	2471	2476	n.a.	n.a.	n.a.
British Virgin Islands	T	1	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	1	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	-	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.



**TABLE II-5 NUMBER OF DEATHS FROM CHRONIC LIVER DISEASE AND CIRRHOSIS BY SEX AND COUNTRY, 1981-1990 - Continued**

Area & Country		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>AMERICA (Cont'd):</b>											
Canada	T	2713	2389	2352	2219	2205	2203	2156	2067	2233	2155
	M	1839	1590	1583	1470	1485	1484	1418	1392	1512	1483
	F	874	799	769	749	720	719	738	675	721	672
Cayman Islands	T	n.a.	-	3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	-	2	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	-	1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Chile	T	3282	3390	4095	4312	3646	3234	2371	2648 <sup>2</sup>	3551 <sup>2</sup>	n.a.
	M	2391	2474	2938	3235	2752	2389	1688	1875	2557	n.a.
	F	891	916	1157	1077	894	845	683	773	994	n.a.
Colombia	T	n.a.	n.a.	n.a.	849	1011	912	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	578	690	617	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	271	321	295	n.a.	n.a.	n.a.	n.a.
Costa Rica	T	137	141	142	161	179	190	250	221	263 <sup>2</sup>	n.a.
	M	91	90	95	108	118	134	172	149	185	n.a.
	F	46	51	47	53	61	56	78	72	78	n.a.
Cuba	T	601	609	594	618	664	710	n.a.	771	779 <sup>2</sup>	906 <sup>2</sup>
	M	364	333	338	366	376	403	n.a.	426	461	554
	F	237	276	256	252	288	307	n.a.	345	318	352
Dominica	T	4	5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	2	3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	2	2	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dominican Republic	T	n.a.	662	n.a.	829	816	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	405	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	257	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Ecuador	T	494	545	n.a.	540	647	617	701	844	913	909
	M	n.a.	408	n.a.	379	452	438	516	627	684	665
	F	n.a.	137	n.a.	161	195	179	185	217	229	244
El Salvador	T	308	310	322	286	n.a.	n.a.	n.a.	n.a.	n.a.	345
	M	243	251	267	233	n.a.	n.a.	n.a.	n.a.	n.a.	277
	F	65	59	55	53	n.a.	n.a.	n.a.	n.a.	n.a.	68
Greenland	T	2	2	6	3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	2	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Guatemala	T	534	n.a.	n.a.	708	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	385	n.a.	n.a.	508	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	149	n.a.	n.a.	200	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Guyana	T	n.a.	n.a.	n.a.	119	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	90	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	29	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Honduras	T	162	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	121	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	41	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Jamaica	T	n.a.	n.a.	96 <sup>2</sup>	93	98 <sup>2</sup>	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	69	64	69	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	27	29	29	n.a.	n.a.	n.a.	n.a.	n.a.



**TABLE II-5 NUMBER OF DEATHS FROM CHRONIC LIVER DISEASE AND CIRRHOSIS BY SEX AND COUNTRY, 1981-1990 - Continued**

Area & Country		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>AMERICA (Cont'd):</b>											
Martinique	T	36	33	n.a.	n.a.	40	n.a.	43	n.a.	n.a.	n.a.
	M	14	17	n.a.	n.a.	30	n.a.	n.a.	n.a.	n.a.	n.a.
	F	22	16	n.a.	n.a.	10	n.a.	n.a.	n.a.	n.a.	n.a.
Mexico	T	14851	15933	16545	n.a.	17185	16018 <sup>2</sup>	16313 <sup>2</sup>	16970 <sup>2</sup>	17070 <sup>2</sup>	17869
	M	11482	12532	12887	n.a.	13287	12318	12575	13083	13479	14003
	F	3369	3401	3658	n.a.	3898	3700	3738	3887	3591	3866
Netherlands Antilles	T	5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	4	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Nicaragua	T	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	182
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	144
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	38
Panama	T	96	87	79	88	88	92	118	88	113	n.a.
	M	64	59	60	54	59	60	80	66	72	n.a.
	F	32	28	19	34	29	32	38	22	41	n.a.
Paraguay	T	85	86	91	99	97 <sup>4</sup>	83 <sup>4</sup>	93 <sup>4</sup>	n.a.	n.a.	n.a.
	M	n.a.	58	70	75	75	65	75	n.a.	n.a.	n.a.
	F	n.a.	28	21	24	22	18	18	n.a.	n.a.	n.a.
Peru	T	898	1018	1210	n.a.	n.a.	1273	n.a.	n.a.	1168	n.a.
	M	607	696	840	n.a.	n.a.	909	n.a.	n.a.	831	n.a.
	F	291	322	370	n.a.	n.a.	364	n.a.	n.a.	337	n.a.
Puerto Rico	T	793	725	792	775	769	820	765	695	743	739 <sup>2</sup>
	M	n.a.	576	627	617	610	654	604	541	584	584
	F	n.a.	149	165	158	159	166	161	154	159	155
St Kitts & Nevis	T	3	6	4	3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	3	4	3	3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	-	2	1	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
St Lucia	T	18	n.a.	n.a.	n.a.	n.a.	n.a.	17 <sup>5</sup>	n.a.	n.a.	n.a.
	M	13	n.a.	n.a.	n.a.	n.a.	n.a.	9	n.a.	n.a.	n.a.
	F	5	n.a.	n.a.	n.a.	n.a.	n.a.	8	n.a.	n.a.	n.a.
St Vincent, Grenadines	T	n.a.	4	7	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	4	7	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	-	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Suriname	T	40	43	n.a.	43	43	40	31	n.a.	n.a.	n.a.
	M	26	26	n.a.	30	26	34	21	n.a.	n.a.	n.a.
	F	14	17	n.a.	13	17	6	10	n.a.	n.a.	n.a.
Trinidad & Tobago	T	136	144	119	132	124 <sup>2</sup>	97	91	82	88 <sup>2</sup>	n.a.
	M	104	118	94	95	89	71	60	60	64	n.a.
	F	32	26	25	37	35	26	31	22	24	n.a.
United States	T	29308	27690	27266	27317	26767	26159	26201	26409	26694	n.a.
	M	18894	17917	17530	17558	17244	16797	17051	17196	17310	n.a.
	F	10414	9773	9736	9759	9523	9362	9150	9213	9384	n.a.
Uruguay	T	n.a.	264	279	300	253	254	301	301	371	320
	M	n.a.	203	212	231	201	200	236	226	266	240
	F	n.a.	61	67	69	52	54	65	75	105	80



**TABLE II-5 NUMBER OF DEATHS FROM CHRONIC LIVER DISEASE AND CIRRHOSIS BY SEX AND COUNTRY, 1981-1990 - Continued**

Area & Country		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>AMERICA (Cont'd):</b>											
Venezuela	T	1073	n.a.	1087	n.a.	1054	1062	1292	1390 <sup>2</sup>	1504 <sup>2</sup>	n.a.
	M	827	n.a.	826	n.a.	806	799	961	1071	1182	n.a.
	F	246	n.a.	261	n.a.	248	263	331	319	322	n.a.
<b>ASIA:</b>											
Bahrain	T	n.a.	n.a.	n.a.	n.a.	5	n.a.	12	17	n.a.	n.a.
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	9	13	n.a.	n.a.
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	3	4	n.a.	n.a.
Brunei - Darussalam	T	n.a.	n.a.	11	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	9	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	2	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
China	T	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	12267 <sup>6</sup>	11329 <sup>6</sup>	12870 <sup>6</sup>	n.a.
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	8245	7502	8657	n.a.
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	4022	3827	4213	n.a.
Hong Kong	T	351	366	346	304	321	298	310	302	329	n.a.
	M	258	n.a.	n.a.	239	221	218	229	213	237	n.a.
	F	93	n.a.	n.a.	65	100	80	81	89	92	n.a.
Iran, Islamic Rep of	T	567 <sup>7</sup>	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	363	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	204	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Israel	T	223	240	213	294	277	274	249	270	264	n.a.
	M	141	152	119	188	181	189	163	171	164	n.a.
	F	82	88	94	106	96	85	86	99	100	n.a.
Japan	T	16641	16562	16795	16991	17174	16943	16672	16992	16713	16804
	M	11913	11838	11949	12044	12054	11737	11514	11689	11360	11516
	F	4728	4724	4846	4947	5120	5206	5158	5303	5353	5288
Korea, Republic of	T	n.a.	n.a.	n.a.	n.a.	9974	9882	9988	9872	10452	n.a.
	M	n.a.	n.a.	n.a.	n.a.	8185	8121	8196	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	n.a.	1789	1761	1792	n.a.	n.a.	n.a.
Kuwait	T	50	43	33	n.a.	35	44	40	n.a.	n.a.	n.a.
	M	41	34	27	n.a.	30	33	30	n.a.	n.a.	n.a.
	F	9	9	6	n.a.	5	11	10	n.a.	n.a.	n.a.
Macau	T	30	n.a.	n.a.	n.a.	n.a.	n.a.	23	n.a.	n.a.	12
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Singapore	T	140	n.a.	132	135	150	115	133	90 <sup>2</sup>	132	128
	M	115	n.a.	102	97	108	92	106	67	101	98
	F	25	n.a.	30	38	42	23	27	23	31	30
Sri Lanka	T	385	n.a.	519	591	775	931	n.a.	n.a.	n.a.	n.a.
	M	319	n.a.	449	498	678	800	n.a.	n.a.	n.a.	n.a.
	F	66	n.a.	70	93	97	131	n.a.	n.a.	n.a.	n.a.
Syria	T	116	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	78	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	38	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.



**TABLE II-5 NUMBER OF DEATHS FROM CHRONIC LIVER DISEASE AND CIRRHOSIS BY SEX AND COUNTRY, 1981-1990 - Continued**

Area & Country		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>ASIA (Cont'd):</b>											
Thailand	T	3274	3993	4259	4410	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	2376	n.a.	n.a.	3183	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	898	n.a.	n.a.	1227	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Turkey	T	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	974 <sup>4</sup>	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	641	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	333	n.a.	n.a.	n.a.
<b>EUROPE:</b>											
Austria	T	2197	2155	2281	2329	2281	2145	2115	1967	2141	2144
	M	1540	1521	1567	1676	1602	1490	1450	1385	1491	1486
	F	657	634	714	653	679	655	665	582	650	658
Belgium	T	1336	1335	1343	1315	n.a.	1381	1229	n.a.	n.a.	n.a.
	M	n.a.	831	793	798	n.a.	814	727	n.a.	n.a.	n.a.
	F	n.a.	504	550	517	n.a.	567	502	n.a.	n.a.	n.a.
Bulgaria	T	1012	1180	1247	1330	1550	1551	1554	1659	1671	1561
	M	750	852	907	980	1188	1164	1179	1264	1278	1201
	F	262	328	340	350	362	387	375	395	393	360
Czechoslovakia	T	2921	2745	3125	3031	2850	2912	2991	3048	3446	3864
	M	2065	1958	2238	2217	2034	2055	2147	2239	2450	2867
	F	856	787	887	814	816	857	844	809	996	997
Denmark	T	531	559	547	618	642	687	701	658	726	712
	M	371	335	381	424	414	461	465	456	464	486
	F	160	224	166	194	228	226	236	202	262	226
Finland	T	287	281	340	316	361	427	423	480	497	533
	M	197	183	228	202	240	277	283	343	350	373
	F	90	98	112	114	121	150	140	137	147	160
France	T	14915	14286	14081	13425	12480	11863	11207	11016	10477	10052
	M	10449	10049	9828	9476	8783	8331	7919	7578	7220	6931
	F	4466	4237	4253	3949	3697	3532	3288	3438	3257	3121
Germany	T	16594 <sup>8</sup>	15507 <sup>8</sup>	15416 <sup>8</sup>	17030	17136	13582 <sup>8</sup>	13823 <sup>8</sup>	14079 <sup>8</sup>	17738	18113
	M	10981	10134	10148	11005	10985	8760	8818	8998	11371	11651
	F	5613	5373	5268	6025	6151	4822	5005	5081	6367	6462
Gibraltar	T	1	4	5	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	1	n.a.	n.a.	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	-	n.a.	n.a.	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Greece	T	1098	1119	1026	977	1100	1012	1014	872	904	959
	M	760	788	750	666	773	721	704	606	617	676
	F	338	331	276	311	327	291	310	266	287	283
Hungary	T	3470	3451	4193	4599	4587	4559	4690	4651	5476	5447
	M	2357	2336	2878	3225	3218	3141	3276	3207	3780	3726
	F	1113	1115	1315	1374	1369	1418	1414	1444	1696	1721
Iceland	T	4	2	4	2	3	3	3	8	3	2
	M	3	1	1	1	2	1	2	3	2	1
	F	1	1	3	1	1	2	1	5	1	1



**TABLE II-5 NUMBER OF DEATHS FROM CHRONIC LIVER DISEASE AND CIRRHOSIS BY SEX AND COUNTRY, 1981-1990 - Continued**

Area & Country		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>EUROPE (Cont'd):</b>											
Ireland	T	111	97	102	101	90	99	93	107	110	82
	M	61	45	71	60	51	52	61	62	62	45
	F	50	52	31	41	39	47	32	45	48	37
Isle of Man	T	8	n.a.	3	5	5	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	4	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Italy	T	19009	18191	18968	18757	18492	17488	16596	16403	15918	n.a.
	M	13211	12462	12895	12701	12425	11680	10874	10731	10304	n.a.
	F	5798	5729	6073	6056	6067	5808	5722	5672	5614	n.a.
Luxembourg	T	102	89	74	94	71	72	90	75	96	93
	M	57	61	49	67	45	53	60	53	65	58
	F	45	28	25	27	26	19	30	22	31	35
Malta	T	17	34	26	41	29	21	16	19	20	39
	M	12	26	23	29	23	14	6	13	15	30
	F	5	8	3	12	6	7	10	6	5	9
Monaco	T	3	3	8	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	4	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	4	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Netherlands	T	716	780	755	756	770	790	782	768	813	720
	M	460	506	475	476	472	484	500	491	458	446
	F	256	274	280	280	298	306	282	277	355	274
Norway	T	205	191	240	252	295	237	318	280	252	240
	M	140	132	155	153	200	163	203	184	176	160
	F	65	59	85	99	95	74	115	96	76	80
Poland	T	3834	3565	3768	4177	4194	3931	3775	3808	3912	3908
	M	2491	2195	2355	2654	2639	2493	2470	2407	2513	2474
	F	1343	1370	1413	1523	1535	1438	1305	1401	1399	1434
Portugal	T	3193	2988	3183	3043	3009	2953	2881	2805	2451	2415
	M	2228	2134	2301	2177	2160	2076	2060	2013	1735	1741
	F	965	854	882	866	849	877	821	792	716	674
Romania	T	6720	6885	7291	7519	7564	7915	8318	7800 <sup>2</sup>	7755	7626
	M	4247	4295	4458	4699	4690	4910	5014	4783	4724	4727
	F	2473	2590	2833	2820	2874	3005	3304	3017	3031	2899
Spain	T	8203	8081	7991	8039	8328	8158	7999	7972	8104	n.a.
	M	5810	5748	5660	5786	5879	5769	5579	5614	5656	n.a.
	F	2393	2333	2331	2253	2449	2389	2420	2358	2448	n.a.
Sweden	T	873	726	687	680	621	665	612	604	643	n.a.
	M	581	517	452	448	389	452	393	374	427	n.a.
	F	292	209	235	232	232	213	219	230	216	n.a.
Switzerland	T	819	812	799	792	751	729	742	759	656	681
	M	609	613	584	590	552	517	520	543	468	466
	F	210	199	215	202	199	212	222	216	188	215
United Kingdom	T	2727	2574 <sup>9</sup>	2679	2778	3074	2971	3168	3290	3520	3623
	M	1459	1375	1378	1478	1669	1627	1753	1770	1902	1995
	F	1268	1199	1301	1300	1405	1344	1415	1520	1618	1628



**TABLE II-5 NUMBER OF DEATHS FROM CHRONIC LIVER DISEASE AND CIRRHOSIS BY SEX AND COUNTRY, 1981-1990 - Concluded**

Area & Country		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>EUROPE (Cont'd):</b>											
Yugoslavia	T	4589	4907	5573	4987	4060	3783	4219	4553	4344	3971
	M	3207	3575	3991	3507	2824	2672	2921	3263	3130	2878
	F	1382	1332	1582	1480	1236	1111	1298	1290	1214	1093
<b>OCEANIA:</b>											
Australia	T	1214	1258	1162	1112	1168	1170	1182	1160	n.a.	n.a.
	M	885	895	825	849	838	852	863	851	n.a.	n.a.
	F	329	363	337	263	330	318	319	309	n.a.	n.a.
Fiji	T	63	n.a.	41	44	44	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	23	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	21	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Guam	T	14	15	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	11	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	4	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
New Zealand	T	144	140	122	126	132	113	119	113	107	n.a.
	M	109	92	76	80	91	72	81	73	74	n.a.
	F	35	48	46	46	41	41	38	40	33	n.a.

<sup>1</sup> Estimated figures, based on the average of deaths over the period 1985-1987, prepared by the United Nations Population Division.

<sup>2</sup> Provisional statistics prepared by the United Nations Population Division.

<sup>3</sup> Estimated figures, based on the average of deaths over the period 1984-1985, prepared by the United Nations Population Division.

<sup>4</sup> Reporting areas only.

<sup>5</sup> Average of deaths over the period 1986-1988.

<sup>6</sup> Selected urban and rural areas only. They are almost entirely located in the eastern half of the country where the majority of the population is to be found.

<sup>7</sup> Urban areas only.

<sup>8</sup> Former Federal Republic of Germany only.

<sup>9</sup> Data exclude Northern Ireland.

Source: World Health Organization, World Health Statistics Annual 1983 to 1992 (Geneva: World Health Organization, annual editions).



**TABLE II-6 DEATH RATES PER 100,000 POPULATION FROM CHRONIC LIVER DISEASE AND CIRRHOSIS BY COUNTRY, 1981-1990**

Area & Country	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>AFRICA:</b>										
Egypt	n.a.	8.31	n.a.	n.a.	n.a.	n.a.	8.12	n.a.	n.a.	n.a.
Mauritius	8.87	21.25	10.88	8.83	11.47	13.88	12.58	14.06	14.47	8.00
Saint Helena	n.a.	40.00	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Sao Tome & Principe	n.a.	n.a.	n.a.	n.a.	12.04	n.a.	13.39	n.a.	n.a.	n.a.
Seychelles	1.56	12.50	n.a.	n.a.	n.a.	n.a.	4.55	n.a.	n.a.	n.a.
Zimbabwe	n.a.	n.a.	n.a.	n.a.	n.a.	4.14	n.a.	n.a.	n.a.	n.a.
<b>AMERICA:</b>										
Antigua & Barbuda	n.a.	n.a.	12.00	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Argentina	13.29	13.22	13.48	13.12	10.35	10.15	10.86	11.08	10.20	n.a.
Bahamas	11.68	24.66	18.75	15.72	15.52	n.a.	18.33	n.a.	n.a.	n.a.
Barbados	5.60	6.00	4.78	3.57	7.51	3.56	n.a.	10.63	n.a.	n.a.
Belize	n.a.	4.58	5.70	6.79	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Bermuda	27.78	n.a.	7.27	19.64	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Brazil	n.a.	n.a.	7.87	8.30	8.17	8.95	8.62	n.a.	n.a.	n.a.
British Virgin Islands	9.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Canada	11.14	9.72	9.49	8.88	8.76	8.69	8.42	7.98	8.51	8.10
Cayman Islands	n.a.	n.a.	15.00	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Chile	28.98	29.43	34.95	36.18	30.08	26.24	18.91	20.77	27.40	n.a.
Colombia	n.a.	n.a.	n.a.	3.03	3.53	3.12	n.a.	n.a.	n.a.	n.a.
Costa Rica	6.03	5.82	5.69	6.27	6.78	7.00	8.99	7.75	9.00	n.a.
Cuba	6.18	6.21	6.00	6.18	6.58	6.96	n.a.	7.40	7.40	8.52
Dominica	5.26	6.58	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dominican Republic	n.a.	11.07	n.a.	13.22	12.72	n.a.	n.a.	n.a.	n.a.	n.a.
Ecuador	5.91	6.33	n.a.	5.92	6.90	6.40	7.06	8.27	8.70	9.42
El Salvador	6.71	6.65	6.82	5.98	n.a.	n.a.	n.a.	n.a.	n.a.	6.57
Greenland	3.92	3.85	11.54	5.66	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Guatemala	7.51	n.a.	n.a.	9.15	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Guyana	n.a.	n.a.	n.a.	15.14	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Honduras	4.24	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Jamaica	n.a.	n.a.	4.28	4.08	4.24	n.a.	n.a.	n.a.	n.a.	n.a.
Martinique	11.04	10.03	n.a.	n.a.	11.87	n.a.	12.46	n.a.	n.a.	n.a.
Mexico	20.84	21.82	22.16	n.a.	22.05	20.13	20.09	20.49	20.20	20.74
Netherlands Antilles	2.63	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Nicaragua	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	4.70
Panama	4.80	4.26	3.78	4.12	4.04	4.13	5.19	3.79	4.77	n.a.
Paraguay	2.62	2.56	2.62	2.77	2.63	2.18	2.37	n.a.	n.a.	n.a.
Peru	5.06	5.61	6.52	n.a.	n.a.	6.42	n.a.	n.a.	5.53	n.a.
Puerto Rico	24.42	22.22	24.26	23.70	23.42	24.75	22.32	20.09	21.27	20.53
St Kitts & Nevis	6.82	13.33	8.70	6.67	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
St Lucia	14.29	n.a.	n.a.	n.a.	n.a.	n.a.	11.97	n.a.	n.a.	n.a.
St Vincent, Grenadines	n.a.	3.81	6.54	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Suriname	11.27	11.81	n.a.	11.47	11.23	10.26	7.79	n.a.	n.a.	n.a.
Trinidad & Tobago	12.23	12.90	10.45	11.28	10.53	8.11	7.51	6.77	7.25	n.a.
United States	12.74	11.93	11.64	11.56	11.22	10.87	10.79	10.78	10.79	n.a.
Uruguay	n.a.	8.95	9.39	10.04	8.41	8.40	9.89	9.84	12.06	10.34
Venezuela	6.93	n.a.	6.63	n.a.	6.09	6.06	7.19	7.55	7.97	n.a.
<b>ASIA:</b>										
Bahrain	n.a.	n.a.	n.a.	n.a.	1.18	n.a.	2.62	3.59	n.a.	n.a.
Brunei - Darussalam	n.a.	n.a.	5.29	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
China	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	1.13	1.02	1.15	n.a.
Hong Kong	6.77	6.95	6.47	5.63	5.88	5.39	5.52	5.32	5.71	n.a.



**TABLE II-6 DEATH RATES PER 100,000 POPULATION FROM CHRONIC LIVER DISEASE AND CIRRHOSIS BY COUNTRY, 1981-1990 - Concluded**

Area & Country	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>ASIA (Cont'd):</b>										
Iran, Islamic Rep Of	1.40	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Israel	5.65	5.96	5.19	7.07	6.54	6.37	5.70	6.08	5.84	n.a.
Japan	14.14	13.98	14.08	14.15	14.21	13.95	13.66	13.86	13.57	13.60
Korea, Republic Of	n.a.	n.a.	n.a.	n.a.	24.44	23.99	24.02	23.52	24.66	n.a.
Kuwait	3.49	2.87	2.11	n.a.	2.04	2.46	2.14	n.a.	n.a.	n.a.
Macau	10.64	n.a.	n.a.	n.a.	n.a.	n.a.	5.36	n.a.	n.a.	2.51
Singapore	5.73	n.a.	5.28	5.34	5.86	4.45	5.09	3.40	4.92	4.73
Sri Lanka	2.56	n.a.	3.37	3.79	4.89	5.78	n.a.	n.a.	n.a.	n.a.
Syrian Arab Rep	1.29	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Thailand	6.89	8.20	8.57	8.71	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Turkey	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	1.83	n.a.	n.a.	n.a.
<b>EUROPE:</b>										
Austria	29.04	28.46	30.22	30.84	30.19	28.35	27.93	25.90	28.10	27.78
Belgium	13.56	13.55	13.63	13.34	n.a.	14.00	12.45	n.a.	n.a.	n.a.
Bulgaria	11.38	13.23	13.95	14.84	17.30	17.31	17.32	18.47	18.59	17.36
Czechoslovakia	19.07	17.86	20.27	19.61	18.39	18.75	19.21	19.53	22.04	24.67
Denmark	10.37	10.92	10.70	12.09	12.55	13.42	13.67	12.83	14.14	13.85
Finland	5.98	5.82	7.00	6.47	7.36	8.68	8.58	9.70	10.01	10.69
France	27.53	26.22	25.73	24.43	22.62	21.42	20.15	19.71	18.66	17.81
Germany	21.17	19.81	19.74	21.89	22.08	17.49	17.79	18.02	22.55	22.82
Gibraltar	3.33	13.79	17.24	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Greece	11.29	11.43	10.42	9.87	11.07	10.15	10.16	8.72	9.01	9.47
Hungary	32.39	32.30	39.35	43.31	43.36	43.28	44.73	44.54	52.66	52.55
Iceland	1.73	0.85	1.69	0.84	1.24	1.23	1.22	3.20	1.19	0.78
Ireland	3.23	2.79	2.91	2.86	2.54	2.80	2.62	3.02	3.13	2.34
Isle of Man	12.50	n.a.	4.69	7.81	7.94	n.a.	n.a.	n.a.	n.a.	n.a.
Italy	33.64	32.12	33.37	32.90	32.36	30.55	28.94	28.56	27.66	n.a.
Luxembourg	27.95	24.32	20.22	25.68	19.35	19.57	24.26	20.11	25.46	24.41
Malta	5.09	10.46	7.93	12.39	8.63	6.10	4.65	5.48	5.70	11.02
Monaco	11.54	11.54	29.63	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Netherlands	5.03	5.45	5.26	5.24	5.32	5.42	5.33	5.20	5.48	4.82
Norway	5.00	4.64	5.81	6.09	7.10	5.69	7.59	6.65	5.96	5.66
Poland	10.68	9.84	10.30	11.32	11.27	10.49	10.02	10.06	10.30	10.25
Portugal	32.40	30.29	32.20	30.74	30.38	29.82	29.10	28.35	24.80	24.47
Romania	30.06	30.63	32.33	33.23	33.28	34.68	36.26	33.83	33.50	32.86
Spain	21.73	21.28	20.94	20.97	21.65	21.13	20.66	20.54	20.84	n.a.
Sweden	10.49	8.72	8.25	8.16	7.44	7.95	7.29	7.16	7.57	n.a.
Switzerland	12.89	12.71	12.45	12.29	11.61	11.21	11.34	11.51	9.87	10.15
United Kingdom	5.42	4.57	4.75	4.92	5.43	5.23	5.56	5.77	6.15	6.31
Yugoslavia	20.42	21.67	24.44	21.71	17.56	16.25	18.02	19.32	18.33	16.68
<b>OCEANIA</b>										
Australia	8.14	8.29	7.56	7.15	7.40	7.30	7.27	7.01	n.a.	n.a.
Fiji	9.74	n.a.	6.10	6.41	6.31	n.a.	n.a.	n.a.	n.a.	n.a.
Guam	12.73	13.51	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
New Zealand	4.61	4.44	3.81	3.90	4.07	3.48	3.63	3.43	3.23	n.a.

Source: United Nations, Department of International Economic and Social Affairs, Statistical Office, *Demographic Yearbook 1983 to 1991*, (New York: United Nations, annual editions); World Health Organization, *World Health Statistics Annual 1983 to 1992*, (Geneva: World Health Organization, annual editions)



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## CHAPTER III

### DRUGS

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For the most part this chapter focuses on the licit consumption of narcotic drugs that are used for medicinal purposes. These drugs are subject to international control under the Single Convention on Narcotic Drugs, 1961. For additional information on the manufacture and international movements of controlled drugs, readers are referred to the source material.

#### CONSUMPTION OF OPIATE ALKALOIDS AND DERIVATIVES

This section examines drugs that are derived from the opium poppy, *papaver somniferum*. Most of the world's supply of opium comes from India and China, who together in 1991 produced 407.2 metric tonnes, accounting for 99.9% of the world's supply<sup>1</sup>.

##### *Opium*

Although most of the opium produced is used for the extraction of various alkaloids, a small amount each year is consumed for medical purposes. Between 1987 and 1991 world opium consumption ranged between 15 and 31 metric tonnes (Table III-1). Asia consumed 84% of the world total (26.2 metric tonnes) in 1991. China and India accounted for 47% and 30% of world consumption respectively. Twelve percent (12%) of consumption occurred in Europe, where France accounted for 65% of the region's consumption (8% of world consumption).

##### *Codeine*

The consumption of codeine represents a major use of raw opium. Between 1982 and 1991 codeine consumption averaged 159 metric tonnes per year and reached a high of 169 metric tonnes in 1991 (Table III-2, Figure III-1).

During this period, Europe was consistently the world's leading consumer, accounting for between 39% in 1988 and 46% (77.9 metric tonnes) in 1991. Among the countries in Europe, France accounted for 20% (15.5 metric tonnes) of European consumption in 1991, while the former USSR

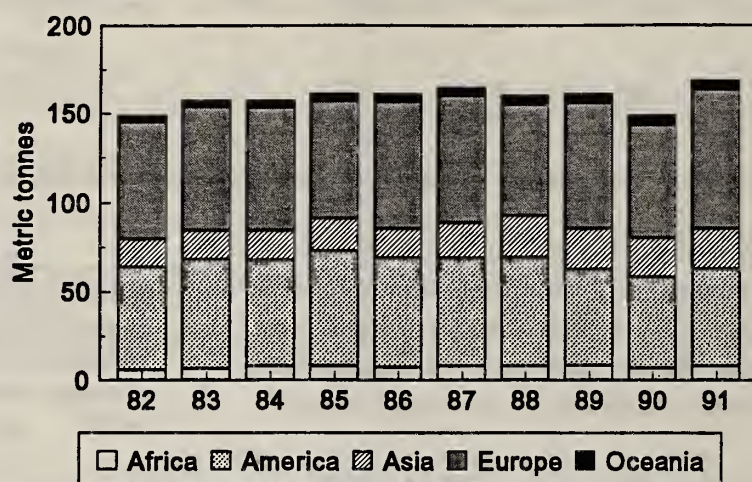
- 
- In 1991, over 31 metric tonnes of opium were consumed for medicinal purposes around the world
  - The leading opium consumer was China, 14.8 metric tonnes
  - 169 metric tonnes of codeine were consumed in 1991
  - In terms of defined daily doses, codeine consumption accounts for 42% of narcotic drugs consumed
  - In 1991, almost 1,100 metric tonnes of cannabis and 150 metric tonnes of cocaine were seized world-wide
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<sup>1</sup> United Nations, International Narcotics Control Board, Narcotic Drugs, Estimated World Requirements for 1993, Statistics for 1991 p.123 (New York: United Nations, November 1992)



**Figure III-1: World Codeine Consumption, 1982-1991**



Source: United Nations, International Narcotics Control Board

ranked second, accounting for 17% (13.6 metric tonnes). The Americas consumed 32% of the world total (54.7 metric tonnes) in 1991. Within the Americas, the United States accounted for 70% (38.3 metric tonnes) of the total consumption, followed by Canada, which accounted for 26% (14.3 metric tonnes). Asia accounted for 14% (22.8 metric tonnes) of codeine consumption in 1991. Within Asia, India consumed 54.8% (12.5 metric tonnes) of the regional total.

### *Dihydrocodeine*

Dihydrocodeine consumption increased at an average annual rate of 7% during the period 1982 to 1991 (Table III-3) rising from 10.9 to 18.9 metric tonnes. Much of this growth can be attributed to increases in consumption that occurred in Japan, Ireland and Germany. In 1991, 49% (9.2 metric tonnes) of world dihydrocodeine consumption occurred in Japan. Europeans consumed 8.3 metric tonnes of dihydrocodeine in 1991, or 44% of the world total. The United Kingdom, Ireland and Germany combined to account for 91% (7.6 metric tonnes) of total European consumption. The remaining regions of the world (the Americas, Africa and Oceania) consumed 1.2 metric tonnes or about 7% of the world total.

### *Ethylmorphine*

Consumption of ethylmorphine, in all regions of the world, has declined steadily since 1982 (Table III-4). Declining at an average rate of 6% per year, consumption has fallen from 6.7 metric tonnes in 1982 to under 3.7 metric tonnes in 1991. France, the world's leading consumer of ethylmorphine, consumed 1.2 metric tonnes (32% of the world total) in 1991. In total, the European region consumed 2.7 metric tonnes or 74% of all ethylmorphine. Asia accounted for 18% of world consumption in 1991, and India consumed 95% of this region's total.

### *Morphine*

On the basis of available data, most reporting countries increased their consumption of morphine during the years 1982 to 1991 (Table III-5). In 1991, global consumption of morphine reached 11 metric tonnes, with Europe accounting for 55% (6.1 metric tonnes) of the total and the Americas 37% (4.1 metric tonnes). The leading consuming countries in 1991 were: United States 3.4 metric tonnes, Italy 2.6 metric tonnes, United Kingdom 1.4 metric tonnes and Canada 0.7 metric tonnes. These four countries combined to account for 72% of world morphine consumption.



### ***Oxycodone***

Global oxycodone consumption increased at an average rate of 5% per year since 1982, reaching almost 3 metric tonnes in 1991 (Table III-6). Most of this growth can be attributed to increased consumption in the United States, the main consumer, which has consumed (on average) 91% of the world total since 1982. Canada was the next largest consumer, with a world share averaging 4%.

### ***Pholcodine***

Pholcodine consumption fluctuated around 8 metric tonnes during the period 1982 to 1991, ranging from a low of 6.5 metric tonnes, recorded in 1982, to a high of 9.3 metric tonnes in 1986 (Table III-7). During 1991, 6.6 metric tonnes were consumed. Europe remained the main user, accounting for 89% of world consumption. France and the United Kingdom accounted for 80% of world consumption (3.6 and 1.4 metric tonnes respectively).

## **SYNTHETIC NARCOTIC DRUGS**

### ***Dextropropoxyphene***

World dextropropoxyphene consumption has grown at an average annual rate of 10% per year since 1982, increasing from 94.2 metric tonnes to 214.4 metric tonnes in 1991 (Table III-8). Regionally, the Americas consumed 44% of the world total (95.0 metric tonnes) while Europe accounted for an additional 39% (83.3 metric tonnes). France, India, the United States and the United Kingdom accounted for most of the growth and combined to account for an average of 81% of world consumption over this period.

### ***Diphenoxylate***

Global diphenoxylate consumption peaked in 1990 at 4.4 metric tonnes (Table III-9), almost doubling since 1982. However, in 1991, total consumption dropped back to 3.2 metric tonnes. Most of the growth in diphenoxylate consumption has occurred in Asia. Consumption has grown from 0.5 metric tonnes in 1982 to 1.8 metric tonnes in 1991. This accounts for 56% of the world total, and makes Asia the leading consumer.

### ***Methadone***

Methadone is used primarily in treatment programs for drug addicts. Since 1982 methadone consumption has shown a clear upward trend, reaching 3.2 metric tonnes in 1991 and averaging an annual growth rate of 6% (Table III-10). The reason was increased consumption in the Americas (an average growth rate of 5%) and in Europe (an average growth rate of 11%). In 1991, the Americas accounted for 64% of world consumption (2.1 metric tonnes), while Europe consumed 25% (0.8 metric tonnes). Asian consumption has also grown, increasing an average of 3% per year and accounting for an average of 8% of total consumption. Oceania's consumption, although only accounting for 4% of the world total, grew at an average annual rate of 20%.



The world's leading consumer of methadone was the United States, which in 1991 consumed 2,012 kilograms (63% of world consumption). In addition to the United States, major consumers in 1991 were: the United Kingdom (209 kilograms), Australia (179 kilograms), the Netherlands (138 kilograms), Italy (130 kilograms) and Hong Kong (109 kilograms).

### *Pethidine*

Since 1982, pethidine consumption has remained somewhat constant at 15 metric tonnes per year (Table III-11). Although consumption has declined in the Americas over this period, increases in Asia, particularly China, have maintained the world utilization level. Consumption in Europe was 2.3 metric tonnes in 1982 and averaged 2.4 metric tonnes between 1983 and 1991. Major consuming countries of pethidine in 1991 were the United States, where 50% (7.6 metric tonnes) of world consumption occurred, China at 17% (2.6 metric tonnes) and Canada at 6% (0.85 metric tonnes).

### *Cocaine*

Table III-12 presents data on the licit consumption of cocaine. Since 1983, when over 900 kg of cocaine were consumed world-wide, consumption has been declining. In 1991, the world consumed 591 kg, of which over 40% was consumed in the United States (245 kg). In addition to the United States other major consumers were: the United Kingdom (63 kg), former USSR (97 kg) and Canada (28 kg). Combined, these four countries accounted for 73% of licit world cocaine consumption.

### *Defined Daily Doses*

Using standardized definitions of appropriate daily doses for each drug<sup>2</sup> (Defined Daily Dose), it is possible to convert the bulk consumption of drugs into a rate of consumption based on population. However, readers should note that although the movements of narcotic drugs are controlled, many preparations containing these drugs are not under strict regulatory controls. As a result, for purposes of comparisons, it is assumed that any preparations are consumed in the country of manufacture and that consumption is equal to production in any given year.

World total drug consumption averaged 2,559 doses per million inhabitants per day over the period 1987-1991, where codeine accounted for 42% and dextropropoxyphene accounted for 19% (Table III-13, Figure III-2). Out of 101 represented countries in the table, 34 recorded daily consumption above the world average.

### *Drug Seizures*

Table III-14 presents data on drugs seizures for the period 1982 to 1991. Because of year-to-year variations and the impact of significant seizures, no attempt to analyze trends will be made. However in 1991, almost 1,100 metric tonnes of cannabis, 383 metric tonnes of cannabis resin, 150 metric tonnes of cocaine, 29 metric tonnes of opium, and 11 metric tonnes of heroin were seized world-wide.

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<sup>2</sup> See Explanatory Notes in this chapter for definitions of Defined Daily Doses by the various drug types.



**Figure III-2: Daily Consumption of Narcotic Drugs,  
Defined Daily Doses per Million Population**  
(average 1987 through 1991)



Source: Narcotic Drugs Estimated World Requirements



## EXPLANATORY NOTES

### Tables III-1 to III-12: Drug Consumption

Under article 1, paragraph 2, of the 1961 Single Convention on Narcotic Drugs, consumption is defined as follows: "For the purposes of this Convention a drug shall be regarded as 'consumed' when it has been supplied to any person or enterprise for retail distribution, medical use or scientific research; and 'consumption' shall be construed accordingly".

However, preparations derived from these narcotic drugs are not always strictly controlled. As a result, without information regarding the manufacture and subsequent international movement of these preparations, it is difficult to ascertain the true consumption within a country. For the purposes of these tables, it is assumed that any preparations derived from these drugs are consumed within the country of manufacture. Thus, consumption includes the manufacture of the preparations of the following drugs:

Acetyldihydrocodeine, Cocaine, Codeine, Dextropropoxyphene, Difenoxin, Dihydrocodeine, Diphenoxylate, Ethylmorphine, Morphine, Nicocodeine, Nicodicodine, Norcodeine, Opium, Pholcodine and Propiram.

### Table III-13

The unit chosen for the purposes of these comparisons is the average number of "defined daily doses" consumed per year between 1987 and 1991 per million inhabitants. Calculations were performed by the International Narcotics Control Board using their own population estimates. As a result, any calculation using data available in this publication may result in small discrepancies.

The defined daily doses for each narcotic drug, in milligrams (mg):

	(mg)		(mg)
Acetyldihydrocodeine	40	Levorphanol	6
Alphaprodine	120	Methadone	25
Anileridine	65	Morphine	30
Bezitramide	15	Nicomorphine	30
Codeine	100	Normethadone	10
Dextromoramide	20	Norpipanone	18
Dextropropoxyphene		Opium 300	
hydrochloride	200	Oxycodone	30
napsylate	300	Oxymorphone	10
Difenoxin	3	Pethidine	400
Dihydrocodeine	100	Phenazocine	3
Diphenoxylate	15	Phenoperidine	4
Dipipanone	75	Pholcodine	50
Ethylmorphine	100	Piminodine	100
Heroin 30		Piritramide	45
Hydrocodone	15	Propiram	100
Hydromorphone	10	Thebacon	15
Ketobimodone	10	Tilidine	180



### **Table III-14: Seizures**

Seizures of narcotic drugs reaching or exceeding one kilogram appear in this table. Sometimes the quantities seized are released for licit use or taken over by Government for special purposes, and these figures do not appear. Please refer to the original sources for further information.

### ***REFERENCES:***

United Nations, International Narcotics Control Board - Vienna, Statistics on Narcotic Drugs for 1986 (New York: United Nations, November 1987)

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United Nations, International Narcotics Control Board - Vienna, Narcotic Drugs, Estimated World Requirements for 1993, Statistics for 1991 (New York: United Nations, November 1992)



TABLE III-1 CONSUMPTION OF OPIUM BY COUNTRY, 1987-1991

Area & Country	(In kilograms)				
	1987	1988	1989	1990	1991
<b>AFRICA:</b>					
Algeria	6	4	..	n.a.	..
Benin	3	..	..	..	n.a.
Egypt	..	..	5	..	..
Ethiopia	..	..	..	11	5
Madagascar	28	76	50	n.a.	51
Mauritius	10	8	12	12	13
Morocco	62	n.a.	n.a.	n.a.	n.a.
South Africa	n.a.	181	n.a.	n.a.	151
Togo	12	..	12	n.a.	n.a.
Tunisia	30	30	5	32	24
Zimbabwe	265	88	21	24	100
<b>Total Africa 1</b>	<b>416</b>	<b>387</b>	<b>105</b>	<b>79</b>	<b>344</b>
<b>AMERICA:</b>					
Barbados	1	2	2	2	..
Brazil	699	554	n.a.	n.a.	n.a.
Canada	42	51	40	36	37
Colombia	77	28	54	90	36
Costa Rica	49	4	n.a.	..	n.a.
Cuba	22	16	28	39	8
Dominican Republic	20	10	n.a.	9	6
El Salvador	10	12	n.a.	..	..
Guatemala	1	..	..	..	..
Haiti	5	4	2	2	2
Mexico	51	73	49	80	50
Panama	2	8	2	n.a.	10
Peru	8	1	3	1	..
Suriname	..	1	..	..	..
Trinidad and Tobago	..	n.a.	n.a.	..	2
United States	1381	1141	1045	1082	832
Venezuela	12	15	..	1	6
<b>Total America 1</b>	<b>2380</b>	<b>1920</b>	<b>1225</b>	<b>1342</b>	<b>989</b>
<b>ASIA:</b>					
China	12935	13856	835	n.a.	14754
Hong Kong	48	51	45	46	39
India	5982	n.a.	6833	8671	9424
Indonesia	279	236	342	266	391
Iraq	29	4	25	18	..
Israel	n.a.	n.a.	4	13	3
Japan	33	33	30	32	33
Korea, Democratic Republic of	n.a.	91	52	n.a.	390
Malaysia	..	..	5	..	..
Macau	..	..	3	..	n.a.
Pakistan	2497	2146	2860	n.a.	n.a.
Philippines	2	5	1	3	2
Sri Lanka	n.a.	n.a.	67	21	66
Thailand	574	519	556	789	1084
Turkey	1	..	..	2	2
<b>Total Asia 1</b>	<b>22380</b>	<b>16941</b>	<b>11658</b>	<b>9861</b>	<b>26188</b>



**TABLE III-1 CONSUMPTION OF OPIUM BY COUNTRY, 1987-1991 - Concluded**

Area & Country	(In kilograms)				
	1987	1988	1989	1990	1991
<b>EUROPE:</b>					
Albania	110	114	64	n.a.	..
Austria	6	7	7	7	7
Belgium	104	74	93	69	112
Bulgaria	..	27	138	..	..
Czechoslovakia	15	15	16	11	9
Denmark	141	156	113	102	125
Finland	41	23	57	76	35
France	2581	1055	1653	2267	2399
Germany	80	78	87	76	61
Greece	1	1	1	2	1
Hungary	23	23	14	7	9
Iceland	..	4	3	1	10
Italy	50	12	4	9	..
Netherlands	113	..	6	7	7
Norway	22	4	8	7	6
Poland	9	15	13	15	6
Portugal	16	17	3	18	n.a.
Romania	..	..	14	40	46
Spain	161	133	205	221	203
Sweden	2	43	37	17	2
Switzerland	15	33	38	27	37
United Kingdom	372	594	573	552	631
<b>Total Europe 1</b>	<b>3862</b>	<b>2428</b>	<b>3147</b>	<b>3531</b>	<b>3706</b>
<b>OCEANIA:</b>					
Australia	38	35	18	19	17
Cook Islands	1	1	..	1	1
New Zealand	62	180	77	85	81
<b>Total Oceania 1</b>	<b>101</b>	<b>216</b>	<b>95</b>	<b>105</b>	<b>99</b>
<b>World Total 1</b>	<b>29139</b>	<b>21892</b>	<b>16230</b>	<b>14918</b>	<b>31326</b>

<sup>1</sup> The totals represent only the sum of the figures furnished to the International Narcotics Control Board and do not necessarily represent the complete total for the area.

Source: United Nations, International Narcotics Control Board - Vienna, Narcotic Drugs. Estimated World Requirements for 1989. Statistics for 1987. Narcotic Drugs. Estimated World Requirements for 1990. Statistics for 1988. Narcotic Drugs. Estimated World Requirements for 1991. Statistics for 1989. Narcotic Drugs. Estimated World Requirements for 1992. Statistics for 1990. Narcotic Drugs. Estimated World Requirements for 1993. Statistics for 1991. (New York: United Nations, 1988, 1989, 1990, 1991, 1992, respectively).



TABLE III-2

## CONSUMPTION OF CODEINE BY COUNTRY, 1982-1991

Area & Country	In kilograms									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>AFRICA:</b>										
Algeria	39	22	13	82	n.a.	117	149	341	153	n.a.
Burundi	n.a.	..	5	7	5	n.a.	n.a.	n.a.	n.a.	n.a.
Egypt	1257	1443	1658	1548	2141	1854	2140	2375	1793	2376
Ethiopia	50	49	9	146	80	49	..	..	..	60
Ghana	n.a.	..	..	..	21	..	..	..	..	..
Kenya	140	84	132	121	93	104	n.a.	n.a.	n.a.	n.a.
Lesotho	..	n.a.	6	1	2	..	..	..	n.a.	..
Madagascar	48	62	57	28	..	16	63	17	53	19
Malawi	1	1	2	..	..	..	..	..	n.a.	n.a.
Mauritius	3	4	7	7	11	5	5	3	5	4
Morocco	..	676	480	586	538	537	524	n.a.	613	n.a.
Mozambique	3	1	1	2	1	1	..	1	1	n.a.
Nigeria	445	544	718	140	108	155	51	103	96	177
Rwanda	3	..	..	..	..	1	..	..	n.a.	n.a.
Senegal	120	132	124	160	126	129	n.a.	122	n.a.	n.a.
Seychelles	..	..	1	1	1	2	..	1	2	1
South Africa	3262	3061	4450	4058	3777	4572	4290	4955	3527	4816
Sudan	15	4	1	n.a.	n.a.	n.a.	..	n.a.	n.a.	..
Tanzania	30	17	50	55	40	48	109	18	19	n.a.
Tunisia	300	267	390	334	191	211	278	270	346	282
Zaire	1	..	..	..	5	..	4	..	..	n.a.
Zambia	6	8	18	n.a.	..	2	6	11	n.a.	n.a.
Zimbabwe	310	296	59	617	200	310	478	398	228	295
<b>Total Africa 1</b>	<b>6033</b>	<b>6671</b>	<b>8181</b>	<b>7893</b>	<b>7340</b>	<b>8113</b>	<b>8097</b>	<b>8615</b>	<b>6836</b>	<b>8030</b>
<b>AMERICA:</b>										
Argentina	268	270	279	219	215	213	205	217	134	171
Bahamas	..	..	..	..	..	..	..	..	1	1
Barbados	9	8	7	14	6	4	7	11	15	19
Belize	..	..	1	..	..	n.a.	..	n.a.	n.a.	n.a.
Bermuda	n.a.	n.a.	n.a.	n.a.	n.a.	1	1	..	2	1
Bolivia	3	8	12	4	n.a.	n.a.	n.a.	4	6	4
Brazil	1344	1103	1221	1168	2372	1589	474	n.a.	n.a.	n.a.
Canada	7614	8736	9392	10002	10656	11821	12478	12317	13349	14283
Chile	108	91	104	117	138	165	193	292	292	281
Colombia	41	52	63	58	60	83	34	79	64	67
Costa Rica	138	3	7	3	29	24	27	n.a.	n.a.	n.a.
Cuba	284	360	236	600	362	490	342	552	165	559
Dominican Republic	2	2	3	2	3	..	..	1	3	8
Ecuador	62	51	74	85	90	45	52	71	60	59
El Salvador	50	52	62	61	64	3	5	n.a.	..	63
Guatemala	21	34	41	48	60	57	72	47	42	70
Guyana	51	41	40	39	10	4	61	17	25	17
Haiti	1	..	..	..	..	1	1	1	1	1
Jamaica	33	14	27	27	10	39	20	25	5	n.a.
Mexico	727	504	744	794	557	469	444	399	180	221
Nicaragua	2	n.a.	4	..	..	8	3	..	n.a.	n.a.
Panama	24	7	3	3	4	7	11	4	7	n.a.
Paraguay	9	11	19	13	15	20	34	20	57	n.a.
Peru	n.a.	113	219	158	242	234	159	99	134	114
Suriname	2	4	4	1	2	2	..	..	..	..
Trinidad & Tobago	5	2	..	..	1	..	2	20	16	7



TABLE III-2

## CONSUMPTION OF CODEINE BY COUNTRY, 1982-1991 - Continued

Area & Country	In kilograms									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>AMERICA (Cont'd):</b>										
United States	46554	49847	46941	51245	46093	44992	45872	39008	36054	38284
Uruguay	59	40	47	36	45	41	47	34	24	42
Venezuela	317	176	193	252	297	358	394	355	500	469
<b>Total America 1</b>	<b>57728</b>	<b>61529</b>	<b>59743</b>	<b>64949</b>	<b>61331</b>	<b>60670</b>	<b>60938</b>	<b>53573</b>	<b>51136</b>	<b>54741</b>
<b>ASIA:</b>										
Afghanistan	n.a.	25	n.a.	n.a.	74	52	72	79	77	n.a.
Bangladesh	..	..	..	..	5	..	..	3	5	n.a.
China	n.a.	359	328	238	558	246	634	403	n.a.	441
Cyprus	3	4	5	9	8	10	10	9	3	14
Hong Kong	801	904	875	923	892	784	799	808	838	816
India	5478	5018	5176	8251	6454	8691	9154	11085	10646	12483
Indonesia	491	563	298	649	497	462	446	517	554	535
Iran, Islamic Rep of	2421	2590	2881	1796	2149	2923	4302	3257	2614	1995
Iraq	505	438	580	541	588	403	794	768	561	56
Israel	455	475	586	514	551	694	676	556	600	443
Japan	2330	2303	2391	2261	2235	1954	2207	1959	2328	2540
Jordan	296	634	367	453	279	373	254	174	68	125
Korea, Dem Rep Of	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	53	24	n.a.	23
Korea, Republic Of	58	119	90	161	136	74	158	95	202	n.a.
Kuwait	28	28	17	14	12	11	11	8	n.a.	2
Lao People's Dem Rep	n.a.	n.a.	n.a.	18	..	..	n.a.	60	..	..
Lebanon	124	n.a.	n.a.	115	87	55	1	6	..	n.a.
Malaysia	724	590	645	792	586	679	816	845	962	909
Mongolia	n.a.	n.a.	n.a.	n.a.	8	n.a.	n.a.	n.a.	..	n.a.
Myanmar	122	278	171	97	94	122	80	128	56	62
Nepal	..	39	75	41	n.a.	n.a.	..	..	79	54
Philippines	49	57	56	66	60	56	58	54	93	46
Saudi Arabia	3	2	..	..	..	2	n.a.	n.a.	1	n.a.
Singapore	273	286	360	290	363	390	471	616	571	761
Sri Lanka	18	22	27	11	21	39	n.a.	30	59	51
Syrian Arab Rep	84	96	19	85	38	87	150	131	116	90
Thailand	36	47	70	49	61	184	237	305	347	n.a.
Turkey	1497	1161	1423	780	1074	1585	2094	1437	1220	1281
United Arab Emirates	10	16	41	60	15	10	18	44	151	42
Yemen	..	4	4	3	2	10	4	3	..	..
<b>Total Asia 1</b>	<b>15806</b>	<b>16058</b>	<b>16485</b>	<b>18217</b>	<b>16847</b>	<b>19896</b>	<b>23499</b>	<b>23404</b>	<b>22151</b>	<b>22769</b>
<b>EUROPE:</b>										
Albania	39	52	47	36	43	46	56	43	n.a.	24
Austria	243	247	192	223	213	182	142	154	123	142
Belgium	1413	2562	2192	2119	2135	1803	1840	2071	2101	2308
Bulgaria	2110	3011	3766	3599	3818	2644	2757	3225	1344	4243
Czechoslovakia	1825	1459	2490	2599	2645	1831	1683	1886	1844	1957
Denmark	1812	1937	2103	2424	2261	2387	2069	2080	1900	2286
Finland	553	571	524	501	377	412	377	418	282	414
France	8923	9975	9094	8793	9657	7996	9759	13162	13607	15462
Germany	12611	11833	10329	11568	11074	9280	8611	8494	8639	8193
Greece	555	515	390	386	450	436	580	916	773	420
Hungary	1227	1468	1000	963	812	581	527	866	383	438
Iceland	33	30	30	29	50	36	46	65	30	52
Ireland	53	41	19	59	84	828	2879	2657	3339	1501



TABLE III-2

## CONSUMPTION OF CODEINE BY COUNTRY, 1982-1991 - Concluded

Area & Country	In kilograms									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>EUROPE (Cont'd):</b>										
Italy	910	1051	866	903	806	858	782	886	659	2325
Luxembourg	..	1	1	1	1	..	1	1	..	..
Malta	7	9	4	48	..	..	..	..	..	..
Netherlands	371	214	441	529	451	620	843	465	721	960
Norway	1232	1437	1644	1797	1904	2024	1774	1622	1572	1460
Poland	1151	1192	1013	1204	1227	1114	1027	1055	1072	999
Portugal	637	707	544	633	689	643	574	568	614	n.a.
Romania	742	1445	2121	1933	1134	960	1263	1284	1233	1380
Spain	3300	3611	2997	3571	4257	4110	4102	4702	4653	5171
Sweden	809	844	1026	1493	1787	1699	2343	2211	1242	3096
Switzerland	930	937	956	928	1081	1124	1260	1624	2175	2233
United Kingdom	8485	8359	7839	8064	7948	8218	6709	7211	7659	8977
USSR, Former	13207	13379	14128	9102	14723	19023	7913	10664	4377	13598
Yugoslavia	2261	2621	3156	2329	1561	2762	2677	1949	2715	279
<b>Total Europe 1</b>	<b>65439</b>	<b>69508</b>	<b>68912</b>	<b>65834</b>	<b>71188</b>	<b>71617</b>	<b>62594</b>	<b>70279</b>	<b>63057</b>	<b>77918</b>
<b>OCEANIA:</b>										
Australia	3229	3216	3524	4037	3674	3695	4485	4507	4965	4849
New Zealand	541	581	631	591	628	754	796	530	679	251
Papua New Guinea	..	..	..	..	..	1	..	4	..	n.a.
<b>Total Oceania 1</b>	<b>3770</b>	<b>3797</b>	<b>4155</b>	<b>4628</b>	<b>4302</b>	<b>4450</b>	<b>5281</b>	<b>5041</b>	<b>5644</b>	<b>5100</b>
<b>Other Countries</b>	<b>61</b>	<b>74</b>	<b>65</b>	<b>50</b>	<b>69</b>	<b>48</b>	<b>45</b>	<b>39</b>	<b>42</b>	<b>37</b>
<b>World Total 1</b>	<b>148837</b>	<b>157637</b>	<b>157541</b>	<b>161571</b>	<b>161077</b>	<b>164794</b>	<b>160454</b>	<b>160951</b>	<b>148866</b>	<b>168595</b>

<sup>1</sup> The totals represent only the sum of the figures furnished to the International Narcotics Control Board and do not necessarily represent the complete total for the area.

Source: United Nations, International Narcotics Control Board - Vienna, *Narcotic Drugs, Estimated World Requirements for 1989, Statistics for 1987, Narcotic Drugs, Estimated World Requirements for 1990, Statistics for 1988, Narcotic Drugs, Estimated World Requirements for 1991, Statistics for 1989, Narcotic Drugs, Estimated World Requirements for 1992, Statistics for 1990, Narcotic Drugs, Estimated World Requirements for 1993, Statistics for 1991* (New York: United Nations, 1988, 1989, 1990, 1991, 1992, respectively).



**TABLE III-3 CONSUMPTION OF DIHYDROCODEINE BY COUNTRY, 1982-1991**

Area & Country	(In kilograms)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>AFRICA:</b>										
Egypt	287	40	153	263	116	68	162	223	264	729
Lesotho	..	..	..	..	..	1	..	..	n.a.	..
Malawi	..	..	..	..	2	..	..	..	n.a.	n.a.
South Africa	16	27	55	12	16	..	55	32	..	47
Zimbabwe	1	1	..	..	1	..	..	1	..	..
<b>Total Africa 1</b>	<b>304</b>	<b>68</b>	<b>208</b>	<b>275</b>	<b>135</b>	<b>69</b>	<b>217</b>	<b>256</b>	<b>264</b>	<b>776</b>
<b>AMERICA:</b>										
Bolivia	1	1	..	2	..	n.a.	n.a.	1	1	..
Brazil	9	11	7	2	4	1	..	n.a.	n.a.	n.a.
Colombia	44	29	135	22	97	82	124	121	127	119
Ecuador	..	6	42	45	21	21	26	6	45	22
El Salvador	..	..	..	..	1	3	3	n.a.	..	..
Guatemala	10	8	13	16	8	6	1	4	3	..
Mexico	..	..	1	..	1	1	1	..	..	..
Nicaragua	1	n.a.	..	..	..	..	..	..	n.a.	n.a.
Peru	n.a.	..	5	1	3	..	..	..	..	..
United States	857	1075	969	748	613	375	270	257	224	163
Venezuela	25	5	13	2	11	6	1	6	..	..
<b>Total America 1</b>	<b>947</b>	<b>1135</b>	<b>1185</b>	<b>838</b>	<b>759</b>	<b>495</b>	<b>426</b>	<b>395</b>	<b>400</b>	<b>304</b>
<b>ASIA:</b>										
Cyprus	..	4	3	3	2	2	3	22	..	..
Japan	4044	4101	5019	5065	6306	6467	6747	7467	8498	9214
Korea, Republic of	362	450	544	603	706	645	773	830	950	n.a.
Malaysia	41	73	60	100	67	100	56	79	105	94
Thailand	..	..	..	..	..	..	6	..	8	n.a.
<b>Total Asia 1</b>	<b>4447</b>	<b>4628</b>	<b>5626</b>	<b>5771</b>	<b>7081</b>	<b>7214</b>	<b>7585</b>	<b>8398</b>	<b>9561</b>	<b>9308</b>
<b>EUROPE:</b>										
Austria	97	137	105	136	110	100	110	131	124	112
Belgium	73	47	82	58	70	25	60	56	57	30
Germany	670	600	585	768	834	816	885	1213	2205	1929
Hungary	85	100	81	51	49	55	31	27	29	29
Ireland	1	..	..	..	120	1932	1294	1706	2305	2587
Italy	342	303	251	268	226	193	344	375	426	342
Norway	..	..	1	..	..	75	..	..	2	..
Poland	4	1	1	1	1	1	1	1	7	3
Portugal	4	6	6	2	6	3	3	4	5	n.a.
Spain	65	52	34	33	46	50	50	85	87	240
Switzerland	113	137	176	164	134	282	176	24	22	4
United Kingdom	3588	3921	4587	5368	5827	4476	2052	3636	3919	3052
<b>Total Europe 1</b>	<b>5042</b>	<b>5304</b>	<b>5909</b>	<b>6849</b>	<b>7423</b>	<b>8008</b>	<b>5006</b>	<b>7258</b>	<b>9188</b>	<b>8328</b>
<b>OCEANIA:</b>										
Australia	188	147	189	216	129	132	115	99	105	139
New Zealand	..	2	..	..	..	..	..	..	..	..
<b>Total Oceania 1</b>	<b>188</b>	<b>149</b>	<b>189</b>	<b>216</b>	<b>129</b>	<b>132</b>	<b>115</b>	<b>99</b>	<b>105</b>	<b>139</b>
<b>Other Countries</b>	<b>16</b>	<b>15</b>	<b>21</b>	<b>17</b>	<b>17</b>	<b>14</b>	<b>16</b>	<b>12</b>	<b>13</b>	<b>10</b>
<b>World Total 1</b>	<b>10944</b>	<b>11299</b>	<b>13138</b>	<b>13966</b>	<b>15544</b>	<b>15932</b>	<b>13365</b>	<b>16418</b>	<b>19531</b>	<b>18865</b>

<sup>1</sup> The totals represent only the sum of the figures furnished to the International Narcotics Control Board and do not necessarily represent the complete total for the area.

Source: United Nations, International Narcotics Control Board - Vienna, *Narcotic Drugs, Estimated World Requirements for 1989, Statistics for 1987, Narcotic Drugs, Estimated World Requirements for 1990, Statistics for 1988, Narcotic Drugs, Estimated World Requirements for 1991, Statistics for 1989, Narcotic Drugs, Estimated World Requirements for 1992, Statistics for 1990, Narcotic Drugs, Estimated World Requirements for 1993, Statistics for 1991* (New York: United Nations, 1988, 1989, 1990, 1991, 1992, respectively).



**TABLE III-4 CONSUMPTION OF ETHYLMORPHINE BY COUNTRY, 1982-1991**

Area & Country	(In kilograms)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>AFRICA:</b>										
Egypt	77	24	82	78	10	68	36	..	86	72
Madagascar	7	13	15	13	14	14	26	18	10	12
Morocco	55	69	40	64	70	52	61	n.a.	209	n.a.
South Africa	3	3	..	..	..	..	..	2	4	1
Tunisia	35	11	56	44	34	33	34	34	41	..
<b>Total Africa 1</b>	<b>177</b>	<b>120</b>	<b>193</b>	<b>199</b>	<b>128</b>	<b>167</b>	<b>157</b>	<b>54</b>	<b>350</b>	<b>85</b>
<b>AMERICA:</b>										
Argentina	9	16	34	23	47	22	34	29	25	39
Bolivia	4	8	4	2	n.a.	n.a.	n.a.	2	..	3
Brazil	23	16	34	9	2	..	..	n.a.	n.a.	n.a.
Canada	1	1	1	..	..	1	..	..	..	..
Chile	16	13	8	11	9	8	7	9	5	7
Cuba	26	26	29	39	39	39	20	22	24	12
Mexico	..	..	1	..	..	..	..	..	..	..
Paraguay	3	2	2	3	3	3	2	6	..	n.a.
United States	8	..	..	..	..	..	..	..	..	..
Uruguay	10	2	9	2	2	2	3	3	3	3
Venezuela	51	15	55	47	23	90	53	60	31	35
<b>Total America 1</b>	<b>151</b>	<b>99</b>	<b>177</b>	<b>136</b>	<b>125</b>	<b>165</b>	<b>119</b>	<b>131</b>	<b>88</b>	<b>99</b>
<b>ASIA:</b>										
China	n.a.	25	16	14	18	11	10	8	n.a.	7
Hong Kong	28	24	20	24	22	23	27	29	28	24
India	881	516	582	801	632	1052	958	1062	831	717
Iran, Islamic Rep Of	61	..	..	..	..	..	..	..	..	..
Turkey	385	161	84	68	15	6	8	11	9	6
<b>Total Asia 1</b>	<b>1355</b>	<b>726</b>	<b>702</b>	<b>907</b>	<b>687</b>	<b>1092</b>	<b>1003</b>	<b>1110</b>	<b>868</b>	<b>754</b>
<b>EUROPE:</b>										
Albania	..	..	..	2	..	2	..	..	n.a.	..
Austria	4	2	3	2	2	2	2	1	..	..
Belgium	144	76	124	128	139	84	78	99	191	131
Bulgaria	190	159	155	214	191	172	195	201	106	26
Czechoslovakia	109	111	108	119	110	101	94	96	97	74
Denmark	10	8	8	6	7	4	4	2	2	3
Finland	35	51	42	41	16	55	42	36	42	26
France	2876	2907	2734	2723	2993	2173	2441	1756	1125	1171
Germany	87	87	86	121	47	43	32	38	28	21
Hungary	526	440	488	510	541	452	552	411	513	554
Italy	68	44	46	43	39	40	15	25	24	35
Norway	26	19	21	23	7	38	22	25	30	21
Poland	55	58	63	69	74	70	85	64	47	65
Portugal	21	29	23	26	28	42	38	44	35	n.a.
Romania	73	41	41	100	..	..	21	..	..	25
Spain	60	70	52	52	47	38	37	41	51	27
Sweden	133	176	150	144	147	130	189	237	112	249
Switzerland	15	21	16	14	11	12	13	13	7	7
United Kingdom	71	93	107	116	77	91	118	70	118	96
USSR, Former	450	300	250	268	276	285	255	251	128	198
Yugoslavia	..	1	..	3	..	1	1	..	..	..
<b>Total Europe 1</b>	<b>4953</b>	<b>4693</b>	<b>4517</b>	<b>4724</b>	<b>4752</b>	<b>3835</b>	<b>4234</b>	<b>3410</b>	<b>2656</b>	<b>2729</b>



TABLE III-4 CONSUMPTION OF ETHYLMORPHINE BY COUNTRY, 1982-1991 - Concluded

Area & Country	(in kilograms)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>OCEANIA:</b>										
Australia	6	5	5	3	3	1	2	1	3	1
Total Oceania <sup>1</sup>	6	5	5	3	3	1	2	1	3	1
Other Countries	28	30	28	28	25	20	19	15	15	20
World Total <sup>1</sup>	6670	5673	5622	5997	5720	5280	5534	4721	3980	3688

<sup>1</sup> The totals represent only the sum of the figures furnished to the International Narcotics Control Board and do not necessarily represent the complete total for the area.

Source: United Nations, International Narcotics Control Board - Vienna, *Narcotic Drugs, Estimated World Requirements for 1989, Statistics for 1987, Narcotic Drugs, Estimated World Requirements for 1990, Statistics for 1988, Narcotic Drugs, Estimated World Requirements for 1991, Statistics for 1989, Narcotic Drugs, Estimated World Requirements for 1992, Statistics for 1990, Narcotic Drugs, Estimated World Requirements for 1993, Statistics for 1991* (New York: United Nations, 1988, 1989, 1990, 1991, 1992, respectively).



TABLE III-5

## CONSUMPTION OF MORPHINE BY COUNTRY, 1982-1991

Area & Country	In kilograms									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>AFRICA:</b>										
Egypt	5	2	..	3	..	1	2	1	2	3
Ghana	n.a.	..	..	3	3	5	5	..	..	..
Kenya	..	..	1	..	..	..	..	..	..	..
Nigeria	..	1	..	..	..	..	..	..	..	..
South Africa	63	112	53	79	106	39	173	100	11	125
Zaire	..	..	..	..	2	..	..	..	..	n.a.
Zambia	2	3	2	n.a.	..	..	..	..	n.a.	n.a.
Zimbabwe	4	6	4	6	2	4	6	6	5	11
<b>Total Africa 1</b>	<b>74</b>	<b>124</b>	<b>60</b>	<b>91</b>	<b>113</b>	<b>49</b>	<b>186</b>	<b>107</b>	<b>18</b>	<b>139</b>
<b>AMERICA:</b>										
Argentina	..	1	3	8	5	7	14	13	17	22
Brazil	..	..	..	..	1	6	1	n.a.	n.a.	n.a.
Canada	90	142	163	199	310	415	450	586	600	652
Chile	1	1	1	1	1	1	2	2	1	3
Colombia	7	6	6	10	7	9	11	10	1	9
Cuba	1	2	2	3	3	3	2	2	3	1
Jamaica	..	..	..	..	..	..	..	1	..	n.a.
Mexico	2	2	2	2	2	1	1	1	5	1
Nicaragua	..	n.a.	1	..	..	..	..	..	n.a.	n.a.
Paraguay	..	9	..	12	..	..	..	..	n.a.	n.a.
United States	533	610	719	1025	1357	1707	2179	2574	3110	3373
Uruguay	..	..	2	1	2	2	2	2	2	5
Venezuela	..	..	..	..	1	1	1	2	1	2
<b>Total America 1</b>	<b>634</b>	<b>773</b>	<b>899</b>	<b>1261</b>	<b>1689</b>	<b>2152</b>	<b>2663</b>	<b>3193</b>	<b>3740</b>	<b>4068</b>
<b>ASIA:</b>										
Bangladesh	2	2	7	7	1	..	2	..	..	n.a.
China	n.a.	7	4	6	5	7	8	10	n.a.	27
Hong Kong	2	1	1	2	3	6	8	11	11	8
India	368	352	411	716	423	442	454	331	118	83
Indonesia	..	..	..	1	..	..	..	..	..	..
Iran, Islamic Rep of	5	4	2	9	10	9	2	7	6	13
Iraq	1	1	..	1	2	..	1	1	2	..
Israel	1	1	2	3	8	9	14	11	16	20
Japan	34	40	44	50	58	67	101	143	179	225
Korea, Dem Rep of	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	5	4	n.a.	3
Korea, Republic of	5	..	4	31	33	3	1	31	33	n.a.
Malaysia	5	1	3	1	4	..	1	1	1	2
Myanmar	57	..	..	..	190	99	..	..	..	..
Pakistan	..	..	..	..	..	..	..	3	..	n.a.
Philippines	..	..	..	..	..	..	..	..	4	3
Saudi Arabia	..	1	1	1	1	2	n.a.	n.a.	3	n.a.
Singapore	..	1	1	2	1	3	4	4	4	1
Syrian Arab Rep	..	1	..	..	1	..	1	1	..	1
Thailand	4	3	3	4	3	4	5	4	4	n.a.
Turkey	2	1	7	3	2	3	3	2	2	12
United Arab Emirates	..	..	..	..	..	..	..	..	..	1
<b>Total Asia 1</b>	<b>486</b>	<b>416</b>	<b>490</b>	<b>837</b>	<b>745</b>	<b>654</b>	<b>610</b>	<b>564</b>	<b>383</b>	<b>399</b>



TABLE III-5

## CONSUMPTION OF MORPHINE BY COUNTRY, 1982-1991 - Concluded

Area & Country	In kilograms									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>EUROPE:</b>										
Albania	..	1	1	1	..	..	..	..	n.a.	..
Austria	2	5	5	6	9	12	23	33	42	51
Belgium	9	7	9	8	14	19	23	28	34	48
Bulgaria	6	7	6	7	6	9	6	7	6	3
Czechoslovakia	12	12	13	13	14	14	14	55	20	26
Denmark	23	39	52	87	118	147	162	194	245	266
Finland	3	3	3	5	6	9	12	18	23	12
France	26	22	27	27	30	42	129	190	225	245
Germany	28	30	41	61	85	125	160	203	270	345
Greece	1	..	1	1	2	1	6	7	2	5
Hungary	13	13	13	11	12	11	13	9	17	11
Iceland	1	..	1	2	2	5	3	5	3	2
Ireland	8	10	17	19	29	37	44	44	49	74
Italy	75	75	65	47	33	30	57	78	87	2555
Luxembourg	..	..	..	..	..	..	1	1	1	1
Malta	..	..	..	..	..	..	..	..	1	1
Netherlands	9	9	17	19	17	47	66	69	97	98
Norway	8	5	11	13	44	51	60	69	80	77
Poland	50	49	25	36	52	47	43	58	52	56
Portugal	12	19	14	14	19	18	26	87	35	n.a.
Romania	4	5	5	8	5	4	4	13	13	14
Spain	9	7	16	22	39	42	86	92	98	171
Sweden	56	19	41	41	49	70	71	184	122	216
Switzerland	19	20	18	22	30	46	40	40	58	56
United Kingdom	348	286	605	572	741	849	975	994	1081	1351
USSR, Former	205	299	289	205	499	233	228	217	100	402
Yugoslavia	..	4	1	4	3	4	80	..	4	..
<b>Total Europe 1</b>	<b>927</b>	<b>946</b>	<b>1296</b>	<b>1251</b>	<b>1858</b>	<b>1872</b>	<b>2332</b>	<b>2695</b>	<b>2765</b>	<b>6086</b>
<b>OCEANIA:</b>										
Australia	90	109	174	115	150	169	190	79	336	282
New Zealand	21	29	29	39	55	48	77	65	82	71
Papua New Guinea	..	..	..	..	..	2	..	..	..	n.a.
<b>Total Oceania 1</b>	<b>111</b>	<b>138</b>	<b>203</b>	<b>154</b>	<b>205</b>	<b>219</b>	<b>267</b>	<b>144</b>	<b>418</b>	<b>353</b>
<b>Other Countries</b>	<b>35</b>	<b>37</b>	<b>42</b>	<b>45</b>	<b>42</b>	<b>35</b>	<b>32</b>	<b>33</b>	<b>35</b>	<b>29</b>
<b>World Total 1</b>	<b>2267</b>	<b>2434</b>	<b>2990</b>	<b>3639</b>	<b>4652</b>	<b>4981</b>	<b>6090</b>	<b>6736</b>	<b>7359</b>	<b>11074</b>

<sup>1</sup> The totals represent only the sum of the figures furnished to the International Narcotics Control Board and do not necessarily represent the complete total for the area.

Source: United Nations, International Narcotics Control Board - Vienna, *Narcotic Drugs, Estimated World Requirements for 1989, Statistics for 1987, Narcotic Drugs, Estimated World Requirements for 1990, Statistics for 1988, Narcotic Drugs, Estimated World Requirements for 1991, Statistics for 1989, Narcotic Drugs, Estimated World Requirements for 1992, Statistics for 1990, Narcotic Drugs, Estimated World Requirements for 1993, Statistics for 1991* (New York: United Nations, 1988, 1989, 1990, 1991, 1992, respectively).



**TABLE III-6 CONSUMPTION OF OXYCODONE BY COUNTRY, 1982-1991**

Area & Country	(In kilograms)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>AFRICA:</b>										
South Africa	1	1	3	1	..	n.a.	..	..	..	..
Total Africa <sup>1</sup>	1	1	3	1	..	n.a.	..	..	..	..
<b>AMERICA:</b>										
Argentina	3	6	2	1	3	..	..	..	..	..
Canada	77	67	57	92	93	71	68	100	105	82
Colombia	20	26	7	25	23	11	15	16	7	14
Dominican Rep	..	1	..	n.a.	..	..	..	..	..	..
Mexico	..	..	..	1	..	1	1	..	..	..
United States	1639	1734	2046	1942	2078	2162	2156	2259	2404	2424
Total America <sup>1</sup>	1739	1834	2112	2061	2197	2245	2240	2375	2516	2520
<b>ASIA:</b>										
Israel	4	2	3	3	3	n.a.	n.a.	3	3	4
Total Asia <sup>1</sup>	4	2	3	3	3	n.a.	n.a.	3	3	4
<b>EUROPE:</b>										
Belgium	1	1	1	1	..	..	1	..	..	..
Czechoslovakia	..	..	..	..	..	..	..	..	..	1
Finland	5	7	7	4	7	12	8	8	10	10
France	3	3	3	2	2	2	1	1	1	..
Germany	4	2	2	2	2	1	..	..	..	..
Italy	..	..	..	..	..	..	..	..	..	269
Netherlands	..	..	..	1	1	1	1	1	1	..
Poland	1	1	2	1	1	1	1	3	..	..
Spain	8	13	8	..	..	..	..	..	..	..
Sweden	..	1	1	..	1	1	..	1	1	..
United Kingdom	..	..	..	..	..	4	3	7	3	1
Total Europe <sup>1</sup>	22	28	24	11	14	22	15	21	16	281
<b>OCEANIA:</b>										
Australia	18	27	31	38	41	43	55	55	64	59
Total Oceania <sup>1</sup>	18	27	31	38	41	43	55	55	64	59
Other Countries	20	26	20	26	15	n.a.	n.a.	n.a.	n.a.	n.a.
World Total <sup>1</sup>	1804	1918	2193	2140	2270	2310	2310	2454	2599	2864

<sup>1</sup> The totals represent only the sum of the figures furnished to the International Narcotics Control Board and do not necessarily represent the complete total for the area.

Source: United Nations, International Narcotics Control Board - Vienna, *Narcotic Drugs. Estimated World Requirements for 1989. Statistics for 1987. Narcotic Drugs. Estimated World Requirements for 1990. Statistics for 1988. Narcotic Drugs. Estimated World Requirements for 1991. Statistics for 1989. Narcotic Drugs. Estimated World Requirements for 1992. Statistics for 1990. Narcotic Drugs. Estimated World Requirements for 1993. Statistics for 1991* (New York: United Nations, 1988, 1989, 1990, 1991, 1992, respectively).



TABLE III-7

## CONSUMPTION OF PHOLCODINE BY COUNTRY, 1982-1991

Area & Country	In kilograms									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>AFRICA:</b>										
Algeria	65	65	155	87	n.a.	121	110	263	149	n.a.
Egypt	18	14	16	41	11	39	17	34	28	30
Kenya	..	..	..	..	..	1	n.a.	n.a.	n.a.	n.a.
Madagascar	..	..	..	..	1	4	1	3	5	1
Mauritius	..	..	..	..	..	..	..	1	1	1
Morocco	102	129	118	132	169	178	263	n.a.	218	n.a.
Nigeria	..	..	3	4	..	4	4	4	..	9
South Africa	42	37	56	61	95	68	134	72	93	66
Tunisia	23	23	35	25	16	20	26	16	13	19
Zambia	..	66	52	n.a.	10	2	4	8	n.a.	n.a.
Zimbabwe	2	1	..	..	2	..	..	..	2	2
<b>Total Africa 1</b>	<b>252</b>	<b>335</b>	<b>435</b>	<b>350</b>	<b>304</b>	<b>437</b>	<b>559</b>	<b>401</b>	<b>509</b>	<b>128</b>
<b>AMERICA:</b>										
Argentina	12	41	42	26	41	42	35	24	30	36
Peru	n.a.	..	..	..	1	5	8	..	..	3
<b>Total America 1</b>	<b>12</b>	<b>41</b>	<b>42</b>	<b>26</b>	<b>42</b>	<b>47</b>	<b>43</b>	<b>24</b>	<b>30</b>	<b>39</b>
<b>ASIA:</b>										
Bangladesh	..	..	..	..	26	..	60	31	37	n.a.
China	n.a.	2	2	..	1	1	2	2	n.a.	3
Cyprus	1	2	1	1	..	..	..	..	..	..
Hong Kong	42	64	54	63	66	65	66	68	75	70
India	103	98	125	124	154	154	195	219	226	228
Malaysia	9	19	8	9	7	9	12	16	16	16
Pakistan	373	391	408	583	654	664	1005	967	1075	n.a.
Singapore	11	9	12	10	13	15	9	9	19	12
<b>Total Asia 1</b>	<b>539</b>	<b>585</b>	<b>610</b>	<b>790</b>	<b>921</b>	<b>908</b>	<b>1349</b>	<b>1312</b>	<b>1448</b>	<b>329</b>
<b>EUROPE:</b>										
Belgium	168	186	166	165	155	138	171	170	174	138
Czechoslovakia	118	115	125	115	122	125	96	98	98	99
Denmark	..	6	..	..	..	..	..	..	..	..
Finland	10	6	6	6	3	6	3	3	5	96
France	3814	4762	4237	5086	5540	4093	3905	3689	4122	3644
Germany	7	4	1	4	..	..	..	..	..	..
Ireland	17	1	8	8	8	4	40	65	82	138
Norway	135	166	144	354	165	307	151	156	173	176
Spain	208	120	133	195	144	137	119	148	152	130
Sweden	4	11	11	6	5	..	2	..	..	..
Switzerland	6	15	10	10	12	9	342	342	365	114
United Kingdom	759	719	959	1575	1292	1264	1320	1434	1515	1371
Yugoslavia	228	253	141	181	290	230	135	210	..	..
<b>Total Europe 1</b>	<b>5474</b>	<b>6364</b>	<b>5941</b>	<b>7705</b>	<b>7736</b>	<b>6313</b>	<b>6284</b>	<b>6315</b>	<b>6686</b>	<b>5906</b>
<b>OCEANIA:</b>										
Australia	146	146	184	144	186	122	201	205	187	140
Fiji	1	1	1	1	1	1	..	2	1	1
New Zealand	106	93	119	181	98	107	163	111	103	87
Tonga Islands	..	1	1	..	1	1	1	1	3	1
<b>Total Oceania 1</b>	<b>253</b>	<b>241</b>	<b>305</b>	<b>326</b>	<b>286</b>	<b>231</b>	<b>365</b>	<b>319</b>	<b>294</b>	<b>229</b>



TABLE III-7

## CONSUMPTION OF PHOLCODINE BY COUNTRY, 1982-1991 - Concluded

Area & Country	In kilograms									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
Other Countries	16	22	22	21	19	18	17	15	14	13
World Total <sup>1</sup>	6546	7588	7355	9218	9308	7954	8617	8386	8981	6644

<sup>1</sup> The totals represent only the sum of the figures furnished to the International Narcotics Control Board and do not necessarily represent the complete total for the area.

Source: United Nations, International Narcotics Control Board - Vienna, Narcotic Drugs. Estimated World Requirements for 1989. Statistics for 1987, Narcotic Drugs. Estimated World Requirements for 1990. Statistics for 1988, Narcotic Drugs. Estimated World Requirements for 1991. Statistics for 1989, Narcotic Drugs. Estimated World Requirements for 1992. Statistics for 1990, Narcotic Drugs. Estimated World Requirements for 1993. Statistics for 1991 (New York: United Nations, 1988, 1989, 1990, 1991, 1992, respectively).



TABLE III-8 CONSUMPTION OF DEXTROPROPOXYPHENE BY COUNTRY, 1982-1991

Area & Country	(In kilograms)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>AFRICA:</b>										
Egypt	142	158	167	14	3	..	..	..	..	..
Morocco	50	26	..	32	32	21	32	n.a.	178	n.a.
Nigeria	..	..	..	5	..	..	..	..	..	..
South Africa	807	935	907	7	7	..	1008	806	1265	1461
Zaire	..	..	..	6	4	..	..	..	..	n.a.
Zambia	..	..	..	..	..	..	39	52	n.a.	n.a.
Zimbabwe	170	223	2	114	138	169	39	33	58	47
<b>Total Africa 1</b>	<b>1169</b>	<b>1342</b>	<b>1076</b>	<b>178</b>	<b>184</b>	<b>190</b>	<b>1118</b>	<b>891</b>	<b>1501</b>	<b>1508</b>
<b>AMERICA:</b>										
Argentina	n.a.	1055	869	1231	1437	1588	1831	1045	1417	1680
Bahamas	..	..	..	..	..	..	..	5	..	..
Bolivia	39	71	113	53	n.a.	n.a.	n.a.	54	114	93
Brazil	1593	1758	2404	2342	3481	585	914	n.a.	n.a.	n.a.
Canada	n.a.	2330	1886	1010	1310	819	1216	1060	1054	617
Colombia	1177	913	481	357	54	51	..	..	..	162
Costa Rica	72	22	85	36	..	..	..	n.a.	n.a.	n.a.
Cuba	500	292	440	550	469	931	996	819	716	520
Dominican Rep	n.a.	67	18	18	20	18	..	..	..	..
Ecuador	226	259	446	206	343	259	308	305	260	149
El Salvador	..	..	..	..	13	28	16	n.a.	..	12
Guatemala	n.a.	451	220	250	300	270	240	310	199	273
Haiti	..	..	..	..	..	..	..	..	..	1
Jamaica	..	..	..	1	17	..	..	..	..	..
Mexico	7433	3644	6582	5168	5735	8368	7587	4539	2168	3375
Nicaragua	140	n.a.	222	19	..	604	..	12	n.a.	n.a.
Panama	..	..	..	..	..	1	..	..	..	n.a.
Paraguay	..	..	..	49	80	88	131	58	..	n.a.
Peru	n.a.	345	410	372	573	667	..	315	300	..
United States	47812	70721	71297	73179	62548	78881	74153	75197	80846	87806
Uruguay	n.a.	250	113	160	188	210	238	157	229	204
Venezuela	118	140	157	130	145	166	9	22	54	61
<b>Total America 1</b>	<b>59110</b>	<b>82318</b>	<b>85743</b>	<b>85131</b>	<b>76713</b>	<b>93534</b>	<b>87639</b>	<b>83898</b>	<b>87357</b>	<b>94953</b>
<b>ASIA:</b>										
Cyprus	93	128	91	134	176	160	229	190	105	300
Hong Kong	n.a.	248	354	514	376	481	624	545	634	560
India	8723	8845	14138	15603	15894	19675	21726	25977	22036	30061
Indonesia	..	..	101	..	..	..	..	..	..	..
Iran, Islamic Rep of	162	..	..	..	..	..	..	..	..	..
Iraq	..	59	..	..	..	..	1	3	390	..
Israel	437	456	394	468	476	633	382	623	646	658
Jordan	249	521	441	487	732	1064	430	253	600	117
Korea, Republic of	160	60	68	30	30	..	18	18	..	n.a.
Pakistan	n.a.	50	261	305	747	909	1270	1550	2320	n.a.
Philippines	5	12	20	8	26	8	20	11	16	14
Singapore	..	..	..	3	..	..	..	..	..	..
Syrian Arab Rep	..	..	..	..	1300	1650	540	327	1020	1380
Thailand	12	9	..	..	1	9	3	10	23	n.a.
Turkey	824	1486	883	765	270	..	..	..	..	..
<b>Total Asia 1</b>	<b>10665</b>	<b>11874</b>	<b>16751</b>	<b>18317</b>	<b>20028</b>	<b>24589</b>	<b>25243</b>	<b>29507</b>	<b>27790</b>	<b>33090</b>



**TABLE III-8 CONSUMPTION OF DEXTROPROPOXYPHENE BY COUNTRY, 1982-1991 - Concluded**

Area & Country	(In kilograms)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>EUROPE:</b>										
Austria	n.a.	..	115	214	146	139	110	165	131	84
Belgium	3	26	17	116	88	101	107	112	168	171
Denmark	3046	2748	2836	3135	2966	2131	2057	1825	2012	1769
France	4321	5957	7725	8743	10546	13559	14542	15507	19798	19846
Germany	2000	2166	1591	1555	1297	973	1297	639	933	688
Greece	90	89	66	142	105	126	107	118	90	67
Iceland	..	..	..	..	..	..	..	..	3	1
Ireland	..	..	..	..	..	..	..	..	..	451
Italy	2338	2404	863	1283	866	665	92	161	375	593
Netherlands	..	40	..	167	67	6	51	..	..	..
Norway	417	318	253	252	220	396	393	253	508	248
Portugal	174	149	92	155	198	264	35	19	41	n.a.
Spain	2386	3386	914	490	288	382	376	594	556	688
Sweden	3282	2135	2738	1695	1936	1951	1731	1543	1104	2399
Switzerland	203	856	156	179	813	231	961	632	1833	1600
United Kingdom	..	21006	22882	29059	29164	31516	32968	40008	44853	54717
<b>Total Europe 1</b>	<b>18260</b>	<b>41280</b>	<b>40248</b>	<b>47185</b>	<b>48700</b>	<b>52440</b>	<b>54827</b>	<b>61576</b>	<b>72405</b>	<b>83322</b>
<b>OCEANIA:</b>										
Australia	4877	3393	3513	2373	1089	648	654	763	2536	648
New Zealand	3	912	433	911	693	924	1298	967	641	820
Papua New Guinea	..	n.a.	n.a.	2	..	..	..	..	..	n.a.
<b>Total Oceania 1</b>	<b>4880</b>	<b>4305</b>	<b>3946</b>	<b>3286</b>	<b>1782</b>	<b>1572</b>	<b>1952</b>	<b>1730</b>	<b>3177</b>	<b>1468</b>
<b>Other Countries</b>	<b>22</b>	<b>92</b>	<b>33</b>	<b>21</b>	<b>22</b>	<b>18</b>	<b>14</b>	<b>18</b>	<b>16</b>	<b>16</b>
<b>World Total 1</b>	<b>94106</b>	<b>141211</b>	<b>147797</b>	<b>154118</b>	<b>147429</b>	<b>172343</b>	<b>170793</b>	<b>177620</b>	<b>192246</b>	<b>214357</b>

<sup>1</sup> The totals represent only the sum of the figures furnished to the International Narcotics Control Board and do not necessarily represent the complete total for the area.

Source: United Nations, International Narcotics Control Board - Vienna, *Narcotic Drugs, Estimated World Requirements for 1989, Statistics for 1987, Narcotic Drugs, Estimated World Requirements for 1990, Statistics for 1988, Narcotic Drugs, Estimated World Requirements for 1991, Statistics for 1989, Narcotic Drugs, Estimated World Requirements for 1992, Statistics for 1990, Narcotic Drugs, Estimated World Requirements for 1993, Statistics for 1991* (New York: United Nations, 1988, 1989, 1990, 1991, 1992, respectively).



TABLE III-9 CONSUMPTION OF DIPHENOXYLATE BY COUNTRY, 1982-1991

Area & Country	(In kilograms)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>AFRICA:</b>										
Egypt	28	21	23	34	17	32	29	7	12	15
Morocco	3	4	4	3	3	3	2	n.a.	2	n.a.
Nigeria	..	..	..	..	..	2	..	..	..	..
South Africa	5	5	4	..	..	..	9	10	13	11
Zaire	..	4	3	7	14	2	7	12	6	n.a.
Zimbabwe	..	..	..	..	..	..	..	..	..	1
<b>Total Africa 1</b>	<b>36</b>	<b>34</b>	<b>34</b>	<b>44</b>	<b>34</b>	<b>39</b>	<b>47</b>	<b>29</b>	<b>33</b>	<b>27</b>
<b>AMERICA</b>										
Argentina	6	7	3	7	..	..	3	..	..	..
Brazil	82	205	85	182	240	213	218	n.a.	n.a.	n.a.
Canada	10	14	22	20	19	21	14	15	15	18
Colombia	13	18	46	17	27	27	29	34	44	32
Cuba	..	..	..	..	..	..	..	..	..	13
El Salvador	..	..	..	..	..	1	1	n.a.	..	..
Guatemala	..	..	..	..	..	..	..	..	3	2
Mexico	148	161	146	159	138	176	64	213	39	199
Peru	n.a.	12	3	10	8	18	12	..	..	..
United States	655	576	667	689	692	779	982	723	576	666
Venezuela	1	..	14	3	5	23	18	..	3	3
<b>Total America 1</b>	<b>915</b>	<b>993</b>	<b>986</b>	<b>1087</b>	<b>1129</b>	<b>1258</b>	<b>1341</b>	<b>985</b>	<b>680</b>	<b>933</b>
<b>ASIA:</b>										
Cyprus	..	..	1	1	..	..	2	..	..	..
Hong Kong	5	5	7	12	7	6	7	6	9	10
India	93	93	467	613	407	622	626	1001	1443	1039
Indonesia	1	..	5	..	..	..	..	..	..	..
Iran, Islamic Rep of	279	55	139	311	186	590	379	284	1207	411
Iraq	..	..	4	24	39	182	46	354	154	127
Israel	18	15	19	22	2	20	8	12	7	7
Jordan	18	18	19	30	8	7	51	25	9	42
Korea, Republic of	..	..	..	4	..	..	..	..	..	n.a.
Malaysia	2	..	4	..	13	11	5	26	28	31
Pakistan	40	18	60	69	69	88	140	135	130	n.a.
Philippines	20	15	18	23	29	21	35	42	57	70
Singapore	4	7	5	17	9	11	12	14	10	10
Thailand	4	7	..	35	16	49	49	55	71	n.a.
Turkey	10	7	8	11	11	23	..	11	19	23
United Arab Emirates	..	..	10	86	..	..	..	6	2	14
<b>Total Asia 1</b>	<b>494</b>	<b>240</b>	<b>766</b>	<b>1258</b>	<b>796</b>	<b>1630</b>	<b>1360</b>	<b>1971</b>	<b>3146</b>	<b>1784</b>
<b>EUROPE:</b>										
Belgium	84	50	46	47	54	64	44	30	29	27
Bulgaria	..	..	..	..	11	9	..	2	..	..
Denmark	12	10	19	23	13	7	10	17	6	6
Finland	28	15	22	20	20	34	11	3	4	1
France	58	52	46	37	41	43	14	38	23	23
Germany	..	..	..	..	5	..	..	..	..	..
Greece	12	6	24	17	15	14	16	14	14	11
Hungary	66	68	68	79	97	99	108	104	99	67
Italy	2	..	2	..	..	..	5	..	5	1



TABLE III-9 CONSUMPTION OF DIPHENOXYLATE BY COUNTRY, 1982-1991 - Concluded

Area & Country	(In kilograms)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>EUROPE (Cont'd):</b>										
Portugal	..	3	8	4	5	2	2	2	4	n.a.
Spain	22	24	22	25	28	18	21	18	22	18
Sweden	23	18	23	7	24	7	..	..	..	..
Switzerland	11	8	6	3	..	..	..	..	..	3
United Kingdom	337	259	217	187	219	167	201	169	180	104
Yugoslavia	1	..	..	..	..	..	..	..	..	..
<b>Total Europe 1</b>	<b>656</b>	<b>513</b>	<b>503</b>	<b>449</b>	<b>532</b>	<b>464</b>	<b>432</b>	<b>397</b>	<b>386</b>	<b>261</b>
<b>OCEANIA:</b>										
Australia	104	91	109	68	80	91	91	91	88	139
New Zealand	8	10	7	2	10	8	8	8	5	8
<b>Total Oceania 1</b>	<b>112</b>	<b>101</b>	<b>116</b>	<b>70</b>	<b>90</b>	<b>99</b>	<b>99</b>	<b>99</b>	<b>93</b>	<b>147</b>
<b>Other Countries</b>	<b>23</b>	<b>22</b>	<b>18</b>	<b>9</b>	<b>10</b>	<b>21</b>	<b>17</b>	<b>16</b>	<b>14</b>	<b>14</b>
<b>World Total 1</b>	<b>2236</b>	<b>1903</b>	<b>2423</b>	<b>2917</b>	<b>2591</b>	<b>3511</b>	<b>3296</b>	<b>3497</b>	<b>4352</b>	<b>3166</b>

<sup>1</sup> The totals represent only the sum of the figures furnished to the International Narcotics Control Board and do not necessarily represent the complete total for the area.

Source: United Nations, International Narcotics Control Board - Vienna, *Narcotic Drugs, Estimated World Requirements for 1989, Statistics for 1987, Narcotic Drugs, Estimated World Requirements for 1990, Statistics for 1988, Narcotic Drugs, Estimated World Requirements for 1991, Statistics for 1989, Narcotic Drugs, Estimated World Requirements for 1992, Statistics for 1990, Narcotic Drugs, Estimated World Requirements for 1993, Statistics for 1991* (New York: United Nations, 1988, 1989, 1990, 1991, 1992, respectively).



**TABLE III-10 CONSUMPTION OF METHADONE BY COUNTRY, 1982-1991**

Area & Country	In kilograms									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>AFRICA:</b>										
South Africa	..	..	..	1	..	..	..	..	..	..
Total Africa <sup>1</sup>	..	..	..	1	..	..	..	..	..	..
<b>AMERICA:</b>										
Bolivia	..	..	..	..	n.a.	n.a.	n.a.	..	..	3
Canada	12	16	25	27	24	23	31	38	41	41
Chile	1	..	..	..	..	..	..	..	..	1
United States	1317	1365	1419	1504	1446	1522	1627	1722	1938	2012
Total America <sup>1</sup>	1330	1381	1444	1531	1470	1545	1658	1760	1979	2057
<b>ASIA:</b>										
China	n.a.	..	3	3	3	9	..	..	n.a.	..
Hong Kong	120	84	83	108	121	131	115	107	151	109
Iran, Islamic Rep of	..	..	..	..	..	..	..	..	2	3
Israel	31	32	32	37	51	36	36	34	29	24
Malaysia	..	..	..	..	..	..	..	1	..	..
Nepal	..	..	..	..	n.a.	n.a.	..	..	..	7
Thailand	13	20	35	34	43	44	21	49	104	n.a.
Total Asia <sup>1</sup>	164	136	153	182	218	220	172	191	286	143
<b>EUROPE:</b>										
Austria	2	2	2	2	2	6	14	18	25	31
Belgium	9	7	6	6	6	6	6	5	6	9
Denmark	29	34	39	41	41	50	56	74	68	79
Finland	..	1	..	..	1	1	..	1	..	..
Germany	10	9	10	11	12	11	13	19	30	40
Hungary	2	4	3	4	4	4	5	5	5	5
Ireland	1	1	1	1	1	..	1	2	3	5
Italy	81	76	65	57	56	57	63	69	78	130
Netherlands	59	68	75	85	83	94	93	93	96	138
Norway	4	4	5	4	2	1	1	1	2	6
Portugal	..	..	..	..	1	2	3	4	4	n.a.
Romania	..	..	1	..	..	..	..	1	1	1
Spain	12	25	25	41	17	15	11	14	33	48
Sweden	11	12	11	10	11	13	15	21	10	21
Switzerland	25	25	24	22	24	44	45	49	87	89
United Kingdom	60	63	63	65	65	70	93	123	186	209
Yugoslavia	9	12	15	9	8	7	10	30	24	4
Total Europe <sup>1</sup>	314	343	345	358	334	381	429	529	658	815
<b>OCEANIA</b>										
Australia	39	47	50	65	114	98	124	116	182	179
New Zealand	5	4	4	5	3	4	1	15	5	11
Total Oceania <sup>1</sup>	44	51	54	70	117	102	125	131	187	190
Other Countries	16	14	14	15	17	17	14	14	14	13
World Total <sup>1</sup>	1868	1925	2010	2157	2156	2265	2398	2625	3124	3218

<sup>1</sup> The totals represent only the sum of the figures furnished to the International Narcotics Control Board and do not necessarily represent the complete total for the area.

Source: United Nations, International Narcotics Control Board - Vienna, *Narcotic Drugs, Estimated World Requirements for 1989, Statistics for 1987, Narcotic Drugs, Estimated World Requirements for 1990, Statistics for 1988, Narcotic Drugs, Estimated World Requirements for 1991, Statistics for 1989, Narcotic Drugs, Estimated World Requirements for 1992, Statistics for 1990, Narcotic Drugs, Estimated World Requirements for 1993, Statistics for 1991* (New York: United Nations, 1988, 1989, 1990, 1991, 1992, respectively).



TABLE III-11 CONSUMPTION OF PETHIDINE BY COUNTRY, 1982-1991

Area & Country	(In kilograms)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>AFRICA:</b>										
Algeria	4	5	4	5	n.a.	6	6	6	4	n.a.
Botswana	1	1	2	1	2	1	1	2	2	2
Cameroon	10	n.a.	9	3	6	n.a.	n.a.	n.a.	n.a.	n.a.
Egypt	42	29	21	17	22	34	29	26	32	33
Ethiopia	3	7	16	2	6	3	6	3	5	..
Ghana	n.a.	..	..	9	17	35	9	16	9	17
Kenya	17	13	7	17	26	23	n.a.	n.a.	n.a.	n.a.
Lesotho	..	n.a.	..	1	1	1	1	1	n.a.	..
Libyan Arab Jamahiriya	3	4	5	3	5	4	4	5	9	n.a.
Madagascar	..	..	1	..	1	1	3	2	1	1
Malawi	2	5	3	..	3	3	4	9	n.a.	n.a.
Mauritius	3	3	2	4	5	5	4	2	8	3
Morocco	14	12	3	9	4	12	5	n.a.	12	n.a.
Mozambique	1	..	..	..	1	1	1	..	1	n.a.
Nigeria	27	31	24	26	29	13	14	8	10	9
Rwanda	..	..	..	..	..	1	..	1	n.a.	n.a.
South Africa	127	134	154	303	119	..	242	267	12	276
Sudan	4	4	3	n.a.	n.a.	n.a.	2	n.a.	n.a.	..
Swaziland	..	1	n.a.	1	1	2	1	1	1	1
Tanzania	10	14	15	8	14	..	47	14	..	n.a.
Togo	2	1	1	1	1	2	1	1	1	n.a.
Tunisia	4	3	4	3	3	3	3	2	6	1
Zaire	8	5	2	1	8	4	..	1	..	n.a.
Zambia	4	4	6	n.a.	6	3	4	6	n.a.	n.a.
Zimbabwe	32	29	12	20	4	25	17	33	35	38
<b>Total Africa 1</b>	<b>318</b>	<b>305</b>	<b>294</b>	<b>434</b>	<b>284</b>	<b>182</b>	<b>404</b>	<b>406</b>	<b>148</b>	<b>381</b>
<b>AMERICA:</b>										
Argentina	56	24	7	59	7	14	22	22	21	65
Aruba	n.a.	n.a.	n.a.	n.a.	n.a.	..	..	1	1	..
Bahamas	5	3	..	4	4	6	6	7	1	4
Barbados	2	1	3	3	1	4	3	2	2	2
Belize	..	2	..	2	3	n.a.	..	n.a.	n.a.	n.a.
Bermuda	n.a.	n.a.	n.a.	n.a.	n.a.	1	..	..	1	1
Bolivia	1	1	1	1	n.a.	n.a.	n.a.	1	1	3
Brazil	187	135	204	217	267	274	315	n.a.	n.a.	n.a.
Canada	812	962	759	878	872	897	875	897	843	850
Cayman Islands	n.a.	n.a.	n.a.	n.a.	n.a.	1	..	..	..	..
Chile	16	20	27	14	23	19	27	14	26	23
Colombia	32	24	25	28	23	34	33	34	31	31
Costa Rica	2	3	4	4	5	5	6	n.a.	n.a.	n.a.
Cuba	12	8	5	19	13	5	7	8	9	4
Dominican Rep	2	2	1	..	1	1	1	..	..	..
Ecuador	1	1	..	..	1	..	..	1	..	..
El Salvador	3	3	2	2	3	2	3	n.a.	..	..
Guatemala	2	9	4	3	7	8	6	9	7	4
Guyana	1	1	4	1	3	6	1	1	..	2
Haiti	1	..	1	1	2	2	..	..	..	..
Honduras	2	2	1	..	1	1	1	n.a.	n.a.	n.a.
Jamaica	7	8	8	6	6	7	9	7	7	n.a.



TABLE III-11 CONSUMPTION OF PETHIDINE BY COUNTRY, 1982-1991 - Continued

Area & Country	(In kilograms)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>AMERICA (Cont'd):</b>										
Mexico	24	12	21	21	17	17	13	12	8	13
Netherlands Antilles	n.a.	n.a.	n.a.	n.a.	n.a.	..	2	1	1	n.a.
Nicaragua	7	n.a.	2	..	1	13	..	2	n.a.	n.a.
Panama	3	3	2	3	3	3	4	5	1	n.a.
Paraguay	3	..	2	2	3	1	1	1	1	n.a.
Peru	n.a.	..	6	8	8	8	..	8	9	5
Suriname	..	1	..	..	..	1	..	..	..	..
Trinidad & Tobago	8	6	10	10	7	11	9	8	10	9
United States	9882	9783	9987	9014	8772	7987	8254	7882	7635	7554
Uruguay	7	12	10	10	18	9	16	13	10	6
Venezuela	36	6	5	37	33	31	38	46	36	45
<b>Total America 1</b>	<b>11114</b>	<b>11032</b>	<b>11101</b>	<b>10347</b>	<b>10104</b>	<b>9368</b>	<b>9652</b>	<b>8982</b>	<b>8661</b>	<b>8621</b>
<b>ASIA:</b>										
Afghanistan	n.a.	1	n.a.	n.a.	2	2	..	..	..	n.a.
Bahrain	2	1	2	1	2	3	2	3	3	3
Bangladesh	91	104	243	214	164	..	204	140	65	n.a.
China	n.a.	1324	1097	1016	1391	1391	2027	2135	n.a.	2596
Cyprus	4	6	5	6	5	5	7	5	4	5
Hong Kong	29	25	25	27	27	33	36	25	30	29
India	696	503	354	472	345	535	357	385	276	215
Indonesia	29	12	58	16	17	1	..	16	23	30
Iran, Islamic Rep of	40	41	55	35	43	25	39	58	64	36
Iraq	32	21	26	28	37	36	45	35	31	16
Israel	45	37	36	45	47	48	32	33	44	40
Japan	36	34	32	30	30	30	27	24	29	31
Jordan	6	10	10	12	13	12	11	13	16	13
Korea, Dem Rep of	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	1	..	n.a.	3
Korea, Republic of	114	76	69	102	87	107	130	69	80	n.a.
Kuwait	8	8	7	8	7	7	7	7	n.a.	4
Lebanon	5	n.a.	n.a.	6	6	5	5	4	5	n.a.
Malaysia	40	32	29	70	43	44	12	69	60	45
Myanmar	6	3	2	1	5	..	3	1	..	10
Nepal	..	5	..	5	n.a.	n.a.	..	..	3	7
Oman	2	1	3	3	3	2	3	3	5	4
Pakistan	..	..	..	45	78	48	..	50	50	n.a.
Philippines	33	24	26	21	19	34	13	13	13	19
Qatar	..	1	1	1	1	1	1	1	1	1
Saudi Arabia	18	31	18	33	45	49	n.a.	n.a.	15	n.a.
Singapore	13	11	10	12	13	13	13	19	11	14
Sri Lanka	22	19	19	23	18	16	n.a.	18	21	21
Syrian Arab Rep	15	23	13	11	14	12	11	12	12	15
Thailand	17	18	19	21	25	30	56	30	33	n.a.
Turkey	23	21	35	32	35	42	35	36	71	80
United Arab Emirates	8	7	5	8	7	6	4	7	8	14
Yemen	..	..	..	1	1	1	2	1	..	1
<b>Total Asia 1</b>	<b>1334</b>	<b>2399</b>	<b>2199</b>	<b>2305</b>	<b>2530</b>	<b>2538</b>	<b>3083</b>	<b>3212</b>	<b>973</b>	<b>3252</b>



TABLE III-11 CONSUMPTION OF PETHIDINE BY COUNTRY, 1982-1991 - Concluded

Area & Country	(In kilograms)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>EUROPE:</b>										
Albania	3	5	8	10	9	5	11	6	n.a.	5
Austria	64	23	54	34	51	14	35	41	30	38
Belgium	43	40	34	40	37	29	38	24	40	20
Bulgaria	62	88	67	57	76	49	55	19	15	44
Czechoslovakia	149	168	171	171	173	205	166	180	165	127
Denmark	225	215	260	227	193	200	205	209	201	196
Finland	37	36	33	16	27	31	16	27	17	11
France	177	183	168	182	204	204	56	141	85	150
Germany	484	496	535	522	504	537	485	423	493	296
Greece	39	37	43	38	38	41	29	28	36	37
Hungary	61	98	60	61	70	65	69	50	53	46
Iceland	2	2	2	3	1	2	1	2	1	1
Ireland	40	41	29	41	32	39	53	35	58	21
Italy	25	7	17	14	15	17	16	16	15	22
Luxembourg	..	..	..	1	1	1	..	2	..	..
Malta	..	4	..	2	1	2	4	3	3	2
Netherlands	46	48	35	44	73	33	32	30	39	28
Norway	51	36	34	46	60	39	40	37	25	27
Poland	253	242	243	288	254	252	311	333	309	414
Portugal	17	38	18	19	21	3	34	18	11	n.a.
Romania	73	87	151	171	73	53	79	89	99	225
Spain	60	65	44	74	47	61	48	64	78	74
Sweden	72	78	100	80	67	88	79	111	124	56
Switzerland	48	54	40	41	43	44	40	56	38	42
United Kingdom	259	387	376	391	364	367	360	406	510	417
Yugoslavia	11	30	4	11	25	31	4	9	6	5
<b>Total Europe 1</b>	<b>2301</b>	<b>2508</b>	<b>2526</b>	<b>2584</b>	<b>2459</b>	<b>2412</b>	<b>2266</b>	<b>2359</b>	<b>2451</b>	<b>2304</b>
<b>OCEANIA:</b>										
Australia	362	380	390	423	470	506	480	561	611	498
Fiji	2	2	2	2	3	7	..	3	2	2
New Zealand	21	44	50	39	30	46	36	39	59	14
Papua New Guinea	11	n.a.	n.a.	2	..	10	..	5	..	n.a.
Tuvalu	n.a.	n.a.	n.a.	n.a.	..	..	2	..	1	n.a.
<b>Total Oceania 1</b>	<b>396</b>	<b>426</b>	<b>442</b>	<b>466</b>	<b>503</b>	<b>569</b>	<b>518</b>	<b>608</b>	<b>673</b>	<b>514</b>
<b>Other Countries</b>	<b>56</b>	<b>59</b>	<b>68</b>	<b>64</b>	<b>60</b>	<b>54</b>	<b>61</b>	<b>53</b>	<b>51</b>	<b>46</b>
<b>World Total 1</b>	<b>15519</b>	<b>16729</b>	<b>16630</b>	<b>16200</b>	<b>15940</b>	<b>15123</b>	<b>15984</b>	<b>15620</b>	<b>12957</b>	<b>15118</b>

<sup>1</sup> The totals represent only the sum of the figures furnished to the International Narcotics Control Board and do not necessarily represent the complete total for the area.

Source: United Nations, International Narcotics Control Board - Vienna, *Narcotic Drugs. Estimated World Requirements for 1989. Statistics for 1987. Narcotic Drugs. Estimated World Requirements for 1990. Statistics for 1988. Narcotic Drugs. Estimated World Requirements for 1991. Statistics for 1989. Narcotic Drugs. Estimated World Requirements for 1992. Statistics for 1990. Narcotic Drugs. Estimated World Requirements for 1993. Statistics for 1991* (New York: United Nations, 1988, 1989, 1990, 1991, 1992, respectively).



TABLE III-12 CONSUMPTION OF COCAINE BY COUNTRY, 1982-1991

Area & Country	(In kilograms)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>AFRICA:</b>										
South Africa	4	4	5	5	..	..	18	6	5	5
<b>Total Africa 1</b>	<b>4</b>	<b>4</b>	<b>5</b>	<b>5</b>	<b>..</b>	<b>..</b>	<b>18</b>	<b>6</b>	<b>5</b>	<b>5</b>
<b>AMERICA:</b>										
Canada	25	36	40	19	35	21	31	29	30	28
Peru	n.a.	..	2	2	2	2	2	1	1	1
United States	529	503	407	422	406	393	391	348	288	245
<b>Total America 1</b>	<b>554</b>	<b>539</b>	<b>449</b>	<b>443</b>	<b>443</b>	<b>416</b>	<b>424</b>	<b>378</b>	<b>319</b>	<b>274</b>
<b>ASIA:</b>										
China	n.a.	5	5	4	5	5	5	5	n.a.	4
Hong Kong	5	6	4	5	5	4	5	5	4	5
India	7	8	8	..	..	2	..	..	..	..
Iraq	..	..	..	..	..	..	1	..	..	..
Israel	..	..	..	1	..	..	..	..	1	1
Japan	20	17	19	19	19	17	15	10	7	8
Korea, Republic of	2	..	..	..	..	1	..	1	1	n.a.
Malaysia	2	1	1	2	2	2	2	3	3	2
Singapore	2	3	3	2	2	1	1	3	1	2
Sri Lanka	..	..	2	..	..	..	n.a.	..	..	..
Thailand	1	1	..	1	1	1	1	1	1	n.a.
<b>Total Asia 1</b>	<b>39</b>	<b>41</b>	<b>42</b>	<b>34</b>	<b>34</b>	<b>33</b>	<b>30</b>	<b>28</b>	<b>18</b>	<b>22</b>
<b>EUROPE:</b>										
Albania	..	..	..	..	..	..	..	1	n.a.	..
Austria	1	2	2	2	1	1	1	1	1	1
Belgium	26	19	16	18	17	17	17	17	16	16
Bulgaria	14	12	4	11	16	14	8	11	10	..
Czechoslovakia	9	9	9	9	7	8	8	8	7	7
Denmark	4	3	3	3	3	3	2	2	2	2
Finland	7	7	8	6	6	5	5	7	7	2
France	18	31	17	30	30	22	13	13	11	8
Germany	6	6	5	5	4	5	5	3	4	3
Hungary	11	9	12	10	11	11	14	9	13	12
Ireland	1	2	2	2	2	1	2	3	2	3
Netherlands	13	13	12	14	9	12	11	9	11	16
Norway	..	..	..	..	1	..	..	1	..	1
Poland	11	10	11	7	8	8	7	7	4	5
Portugal	4	4	5	3	3	2	4	2	1	n.a.
Romania	17	3	17	21	19	14	7	10	..	12
Spain	1	1	1	1	..	1	2	2	2	3
Sweden	2	1	1	1	1	2	1	1	2	1
Switzerland	6	8	4	6	5	3	3	4	5	5
United Kingdom	10	60	62	60	34	46	59	53	25	63
USSR, Former	89	67	89	89	89	89	89	44	89	97
Yugoslavia	..	6	2	9	1	7	1	3	..	1
<b>Total Europe 1</b>	<b>250</b>	<b>273</b>	<b>282</b>	<b>307</b>	<b>267</b>	<b>271</b>	<b>259</b>	<b>211</b>	<b>212</b>	<b>258</b>



**TABLE III-12 CONSUMPTION OF COCAINE BY COUNTRY, 1982-1991 - Concluded**

Area & Country	(In kilograms)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b><u>OCEANIA:</u></b>										
Australia	15	17	14	15	14	14	13	14	14	13
New Zealand	4	3	3	2	2	4	..	1	3	..
<b>Total Oceania <sup>1</sup></b>	<b>19</b>	<b>20</b>	<b>17</b>	<b>17</b>	<b>16</b>	<b>18</b>	<b>13</b>	<b>15</b>	<b>17</b>	<b>13</b>
<b>Other Countries</b>	<b>35</b>	<b>27</b>	<b>31</b>	<b>23</b>	<b>25</b>	<b>25</b>	<b>24</b>	<b>25</b>	<b>20</b>	<b>19</b>
<b>World Total <sup>1</sup></b>	<b>901</b>	<b>904</b>	<b>826</b>	<b>829</b>	<b>785</b>	<b>763</b>	<b>768</b>	<b>663</b>	<b>591</b>	<b>591</b>

<sup>1</sup> The totals represent only the sum of the figures furnished to the International Narcotics Control Board and do not necessarily represent the complete total for the area.

**Source:** United Nations, International Narcotics Control Board - Vienna, Narcotic Drugs. Estimated World Requirements for 1989. Statistics for 1987, Narcotic Drugs. Estimated World Requirements for 1990. Statistics for 1988, Narcotic Drugs. Estimated World Requirements for 1991. Statistics for 1989, Narcotic Drugs. Estimated World Requirements for 1992. Statistics for 1990, Narcotic Drugs. Estimated World Requirements for 1993. Statistics for 1991 (New York: United Nations, 1988, 1989, 1990, 1991, 1992, respectively).



**TABLE III-13 AVERAGE DAILY CONSUMPTION OF DEFINED DAILY DOSES PER MILLION INHABITANTS BY COUNTRY DURING 1987-1991**

Area & Country	Codeine	Dextro- propoxy- phene	Dihydro- codeine	Diphen- oxylate	Ethyl- morphine	Mor- phine	Pethi- dine	Phol- codine	Others 1	Total 2
<b>AFRICA:</b>										
Algeria 3	220	..	..	..	..	..	1	371	11	604
Egypt	1114	..	151	68	27	3	4	31	..	1403
Madagascar	83	..	..	..	40	1	1	16	43	186
Mauritius	128	..	1	..	..	10	32	51	106	331
Morocco 3	644	34	..	20	122	..	2	509	16	1352
Saint Helena 3	83	618	240	..	..	684	41	..	110	1778
Seychelles	666	..	..	..	..	96	48	..	3	815
South Africa	3471	284	21	46	1	235	31	137	69	4298
Tunisia	971	..	..	..	101	1	2	135	46	1258
Zimbabwe	1056	86	1	11	..	71	22	8	93	1351
<b>Total Africa 4</b>	<b>1319</b>	<b>69</b>	<b>52</b>	<b>35</b>	<b>34</b>	<b>54</b>	<b>10</b>	<b>177</b>	<b>30</b>	<b>1784</b>
<b>AMERICA:</b>										
Argentina	162	520	..	4	26	42	6	58	190	1011
Aruba	28	..	..	..	..	52	47	..	113	241
Bahamas	55	88	..	..	..	47	150	..	189	530
Barbados	1233	..	..	..	..	115	85	..	55	1489
Bermuda	651	..	165	..	..	680	115	..	251	1865
Bolivia 3	18	132	4	..	7	1	1	..	35	201
British Virgin Islands	240	4	18	108	..	19	63	..	..	454
Canada	13520	402	..	118	..	1895	229	..	1543	17709
Cayman Islands	198	54	..	..	..	250	212	263	1714	2692
Chile	523	..	..	6	16	16	11	..	7	580
Colombia	58	14	102	200	..	25	7	..	60	469
Cuba	1108	839	..	47	63	24	4	..	35	2124
Ecuador	158	279	66	..	..	1	..	..	19	525
El Salvador 3	93	30	9	26	..	..	1	..	31	194
Falkland Islands 3	376	1034	4174	..	..	993	41	41	1773	6838
Guatemala	181	325	10	21	..	1	5	..	1	547
Guyana	722	..	..	..	..	1	13	..	1	739
Jamaica	254	..	..	..	..	22	21	..	..	298
Mexico	113	693	..	304	..	2	1	..	17	1132
Montserrat 3	..	..	..	..	..	159	42	..	..	202
Netherlands Antilles 3	57	..	..	..	..	180	44	..	60	342
Panama 3	91	1	..	..	..	..	11	..	43	148
Paraguay 3	223	193	..	..	21	8	2	..	..	449
Peru	192	133	..	53	..	..	2	9	4	395
Trinidad & Tobago	214	..	..	..	..	24	54	..	11	304
United States	4472	3471	28	544	..	941	215	..	3916	13589
Venezuela	602	36	4	97	79	8	14	..	3	847
<b>Total America 4</b>	<b>2873</b>	<b>1825</b>	<b>21</b>	<b>329</b>	<b>6</b>	<b>541</b>	<b>114</b>	<b>4</b>	<b>1930</b>	<b>7645</b>
<b>ASIA:</b>										
Afghanistan 3	125	..	..	..	..	..	..	..	..	127
China 3	10	..	..	..	..	1	12	..	87	112
Cyprus	380	3134	224	285	..	91	56	27	2	4203
Hong Kong	3894	1095	..	254	128	147	37	666	2610	8835
India	355	326	..	215	31	33	3	14	82	1062
Iran, Islamic Rep of	1576	..	..	1977	..	13	5	..	3	3577
Iraq	814	47	..	1793	..	6	12	..	8	2682



**TABLE III-13 AVERAGE DAILY CONSUMPTION OF DEFINED DAILY DOSES PER MILLION INHABITANTS BY COUNTRY DURING 1987-1991 - Continued**

Area & Country	Codeine	Dextro-propoxy-phene	Dihydro-codeine	Diphenoxylate	Ethyl-morphine	Morphine	Pethidine	Pholcodine	Others 1	Total 2
<b>ASIA: (Cont'd)</b>										
Israel	3658	1441	..	468	..	294	61	..	891	6816
Japan	490	..	1713	..	..	106	1	..	2	2315
Jordan	1412	1390	..	1269	..	3	23	..	..	4099
Korea, Dem Rep of 3	42	..	..	..	..	17	..	..	82	142
Korea, Rep of 3	86	2	521	..	..	37	15	..	..	663
Kuwait 3	117	..	..	..	..	11	23	..	..	152
Lao People's										
Dem Rep 3	106	..	..	..	..	1	..	..	..	108
Lebanon 3	158	..	..	..	..	..	12	..	..	170
Malaysia	1352	..	140	220	..	9	18	45	1	1788
Myanmar	61	..	..	..	..	46	..	..	..	109
Pakistan 3	..	157	..	215	..	..	2	484	235	1095
Philippines	28	2	..	139	..	2	2	..	8	184
Singapore	5636	..	..	791	..	126	37	268	7	6869
Sri Lanka 3	74	..	..	..	..	3	8	..	41	126
Syrian Arab Rep	277	941	..	..	..	7	7	..	..	1233
Thailand 3	135	2	1	189	..	7	4	..	240	582
Turkey	785	..	..	53	4	7	6	..	..	857
United Arab Emirates	947	..	..	541	..	46	36	..	2	1575
<b>Total Asia 4</b>	<b>235</b>	<b>121</b>	<b>90</b>	<b>143</b>	<b>10</b>	<b>19</b>	<b>7</b>	<b>27</b>	<b>87</b>	<b>742</b>
<b>EUROPE:</b>										
Albania 3	374	..	..	..	9	..	15	..	212	612
Andorra	..	..	..	..	..	59	9	..	38	107
Austria	669	181	416	..	5	387	28	..	348	2037
Belgium	5601	146	127	727	324	284	21	877	2917	11028
Bulgaria	8669	..	..	49	428	67	28	..	97	9339
Czechoslovakia	2641	..	..	..	162	153	74	363	174	3570
Denmark	11272	4118	..	338	18	3556	266	..	7827	27398
Finland	2107	..	..	416	225	282	29	257	309	3628
France	5719	3176	..	91	829	263	15	3715	424	14236
Germany 5	3386	156	587	..	8	288	30	..	899	5357
Greece	1708	111	..	258	..	44	23	..	122	2269
Hungary	1451	..	89	1654	1290	111	37	..	94	4729
Iceland	5082	44	..	81	6	1487	55	1	338	7097
Ireland	17405	282	15276	..	..	1298	80	1034	169	35547
Italy	524	71	160	8	13	889	2	..	245	1916
Luxembourg	64	1	..	..	1	288	21	..	597	976
Malta	1	..	..	..	..	219	64	..	140	425
Netherlands	1338	8	..	..	..	470	15	..	1004	2837
Norway	11016	938	103	..	178	1475	55	2515	543	16827
Poland	763	..	2	..	48	124	58	..	9	1005
Portugal 3	1585	95	10	55	107	367	11	..	55	2288
Romania	1450	..	..	..	11	619	32	..	22	2135
Spain	3202	146	72	92	27	230	11	194	120	4097
Sweden	6858	2261	..	34	595	2680	74	3	1147	13654
Switzerland	6950	1731	426	25	44	668	46	1947	1660	13500
United Kingdom	3706	7798	1638	524	47	1673	49	1320	875	17634
USSR, Former	1068	..	..	..	21	75	..	..	62	1227
Yugoslavia	2418	..	..	..	..	69	3	268	203	2964
<b>Total Europe 4</b>	<b>2436</b>	<b>903</b>	<b>273</b>	<b>91</b>	<b>116</b>	<b>401</b>	<b>20</b>	<b>435</b>	<b>390</b>	<b>5066</b>



**TABLE III-13 AVERAGE DAILY CONSUMPTION OF DEFINED DAILY DOSES PER MILLION INHABITANTS BY COUNTRY DURING 1987-1991 - Concluded**

Area & Country	Codeine	Dextro-propoxy-phene	Dihydro-codeine	Diphenoxylate	Ethyl-morphine	Morphine	Pethidine	Pholcodine	Others <sup>1</sup>	Total <sup>2</sup>
<b>OCEANIA:</b>										
Australia	7427	690	195	1105	3	1160	219	567	1340	12710
Christmas Island	5	..	..	..	..	91	27	131	134	389
Cook Islands	..	..	..	..	..	14	22	..	469	507
Fiji	1	..	..	..	..	14	32	97	12	159
French Polynesia	97	..	..	..	..	30	5	..	43	176
New Caledonia <sup>3</sup>	1	..	..	..	..	71	18	..	80	173
New Zealand	5002	3087	..	435	1	1902	81	1908	535	12955
Norfolk Islands	60	..	..	..	..	91	63	..	9	224
Samoa <sup>3</sup>	3	..	..	..	..	54	26	98	..	182
Tonga Islands	..	..	..	..	..	5	7	950	..	964
Tuvalu <sup>3</sup>	41	..	..	..	..	244	814	3	1	1105
<b>Total Oceania <sup>4</sup></b>	<b>6568</b>	<b>1015</b>	<b>152</b>	<b>929</b>	<b>2</b>	<b>1200</b>	<b>185</b>	<b>745</b>	<b>1130</b>	<b>11932</b>
<b>World Total <sup>4</sup></b>	<b>1072</b>	<b>493</b>	<b>115</b>	<b>157</b>	<b>31</b>	<b>167</b>	<b>25</b>	<b>112</b>	<b>385</b>	<b>2559</b>

<sup>1</sup> "Other" includes: Acetyldihydrocodeine, alphaprodine, anileridine, bezitramide, dextromoramide, difenoxin, dipipanone, heroin, hydrocodone, hydromorphone, ketobemidone, levorphanol, methadone, nicomorphine, normethadone, norpipanone, opium, oxycodone, oxymorphone, phenazocine, phenoperidine, pimidine, piritramide, propiram, thebacon, tilidine and trimeperidine.

<sup>2</sup> Figures are calculated from original data. Totals may not match due to rounding.

<sup>3</sup> Average calculated for a period of less than five years on the basis of the statistics available.

<sup>4</sup> The totals represent only the sum of the figures furnished to the International Narcotics Control Board and do not necessarily represent the complete total for the area.

<sup>5</sup> Statistics referring to the years 1987 to 1989 do not include any quantities declared by the former German Democratic Republic.

Source: United Nations, International Narcotics Control Board - Vienna, *Narcotic Drugs, Estimated World Requirements for 1993, Statistics for 1991*, (New York: United Nations, 1992).



TABLE III-14

INTERNATIONAL STATISTICS ON DRUGS REPORTED SEIZED BY COUNTRY,  
1982-1991

Drug Type and Country	(In kilograms)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>AFRICA:</b>										
<b>CANNABIS</b>										
Algeria	567	578	2147	n.a.	n.a.	..	..	..	n.a.	n.a.
Benin	..	..	..	..	n.a.	13	..	10	..	n.a.
Botswana	..	..	..	..	n.a.	..	..	749	14236	477
Burkina Faso	..	..	..	..	..	..	28	72	35	68
Cameroon	..	n.a.	210	41	68	n.a.	n.a.	n.a.	n.a.	n.a.
Chad	n.a.	n.a.	..	..	..	..	..	22	n.a.	..
Congo	..	n.a.	..	..	n.a.	n.a.	..	..	..	120
Côte d'Ivoire	..	..	772	675	541	920	1296	1957	..	2680
Djibouti	27	n.a.	7	n.a.	..	..	15	31	116	n.a.
Egypt	37222	60456	..	..	n.a.	40739	..	..	9723	10726
Equatorial Guinea	..	..	..	n.a.	..	..	10	10	..	..
Ethiopia	..	..	..	..	..	..	..	..	10	..
Ghana	n.a.	930	..	n.a.	5188	n.a.	n.a.	n.a.	n.a.	..
Kenya	..	..	4477	n.a.	n.a.	..	n.a.	n.a.	n.a.	n.a.
Lesotho	18582	n.a.	n.a.	..	27183	21555	..	..	n.a.	..
Madagascar	1116	805	1347	3830	3156	3558	..	..	n.a.	609
Malawi	1908	1433	..	n.a.	n.a.	..	n.a.	2512	n.a.	n.a.
Mali	n.a.	n.a.	n.a.	..	208	513	181	68	5	21
Mauritius	11	..	8	12	59	4	14	3	2	1
Morocco	43607	41926	30993	n.a.	n.a.	23688	n.a.	n.a.	n.a.	20705
Mozambique	24	..	..	10	..	..	..	n.a.	..	..
Niger	..	..	..	n.a.	..	..	169	235	n.a.	1039
Nigeria	..	..	713	..	..	..	..	24	..	1523
Rwanda	..	25	..	n.a.	..	..	..	n.a.	n.a.	n.a.
South Africa	123563	..	..	..	..	n.a.	..	n.a.	n.a.	680024
Sudan	19060	n.a.	..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	52971
Swaziland	..	..	n.a.	..	..	..	n.a.	1464496	..	222
Togo	271	4	6	10	62	48	78	119	n.a.	n.a.
Tunisia	167	5	..	36	34	6	29	2	7	..
Zambia	n.a.	n.a.	1	n.a.	n.a.	n.a.	25	..	n.a.	n.a.
Zimbabwe	3949	..	..	..	..	..	..	..	..	220
<b>AMERICA:</b>										
Antigua & Barbuda	n.a.	n.a.	n.a.	n.a.	337	2352	190	n.a.	n.a.	n.a.
Argentina	290	744	745	1603	1912	2045	2612	1244	..	..
Aruba	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	127	197	10	n.a.
Bahamas	..	..	n.a.	n.a.	n.a.	n.a.	..	460	..	..
Barbados	..	..	557	429	312	605	250	68	17	160
Belize	1332863	2740724	127033	60997	351880	n.a.	1395240	n.a.	n.a.	n.a.
Bermuda	..	n.a.	n.a.	495	73	n.a.	n.a.	n.a.	76	24
Brazil	361494	1037097	n.a.	364321	12189832	21597	23116	11535	n.a.	n.a.
British Virgin Islands	7	1340	6375	n.a.	910	31	2783	n.a.	n.a.	..
Canada	38085	19124	23192	15041	15478	26475	25492	28579	35512	49182
Cayman Islands	397	n.a.	n.a.	819	..	n.a.	..	546	259	360
Chile	6848	8325	8007	10021	12171	16251	33628	98361	5134	7747
Colombia	3418913	7940451	7194968	1066778	535224	1374469	922	..	..	..
Costa Rica	..	101	274	..	901	..	239	n.a.	n.a.	n.a.
Cuba	336993	20228	34457	16979	24228	59716	18813	17734	1811	877
Dominica	n.a.	n.a.	..	362	..	..	n.a.	..	75	n.a.
Ecuador	n.a.	124	67	146	35	197	145	213	402	60
El Salvador	..	..	..	..	..	..	..	10	184	..
Guatemala	..	..	..	..	..	..	..	..	440	..
Guyana	818	..	280	6410	45	2889	18	..	29	3127
Haiti	..	..	..	..	..	..	36	..	..	..



**TABLE III-14 INTERNATIONAL STATISTICS ON DRUGS REPORTED SEIZED BY COUNTRY, 1982-1991 - Continued**

Drug Type and Country	(In kilograms)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>AMERICA (Cont'd):</b>										
<b>CANNABIS - Continued</b>										
Honduras	18	..	..	..	..	..	130	n.a.	n.a.	n.a.
Jamaica	61826	104632	1113896	n.a.	318000	193446	58386	..	..	n.a.
Mexico	71174	..	..	..	..	394542	277529	489836	..	..
Montserrat	..	n.a.	..	n.a.	n.a.	..	n.a.	n.a.	15	..
Netherlands Antilles	11816	1652	11813	1045	262	1067	n.a.	n.a.	n.a.	n.a.
Panama	1941	402	322639	1074	59	166	64	..	n.a.	..
Peru	n.a.	550	450	n.a.	..	139	..	378	..	375
St Kitts & Nevis	..	..	..	..	15	17	..	42	..	..
St Vincent/Grenadines	20	2	6	42	28	n.a.	n.a.	66	112	2
Trinidad & Tobago	11416	53422	2824	1314	984	1912	n.a.	n.a.	..	..
Turks & Caicos Islands	n.a.	1390	..	52	..	n.a.	n.a.	..	n.a.	..
United States	1277913	814608	1319700	50443	662852	675828	607493	297588	153033	139672
Uruguay	13	n.a.	..	n.a.	n.a.	n.a.	n.a.	..	n.a.	..
Venezuela	..	18	17844	2572	3345	1484	2000	1300	2419	1107
<b>ASIA:</b>										
Afghanistan	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	..	12469	n.a.
Bangladesh	400	..	..	..	6322	488	..	..	n.a.	n.a.
China	n.a.	n.a.	n.a.	n.a.	..	..	..	..	n.a.	454
Cyprus	..	..	..	..	..	..	..	..	..	54
Hong Kong	55	9	56	150	52	337	40	40	2532	89
India	13170	17155	21207	66313	60619	53920	n.a.	54463	39090	52633
Indonesia	..	..	..	..	..	..	..	185	..	..
Iran, Islamic Rep of	1641	920	7157	1444	..	1982	n.a.	7014	5200	3525
Iraq	..	..	..	..	..	1	..	22	18	..
Israel	n.a.	..	1	..	..	n.a.	n.a.	..	..	111
Japan	80	334	550	108	264	..	164	445	7	13
Jordan	386	875	..	442	924	2571	1151	5337	..	5210
Korea, Rep Of	416	..	..	..	..	43	20	n.a.	n.a.	n.a.
Kuwait	..	..	15	1	..	..	..	..	n.a.	..
Lao People's Dem Rep	n.a.	n.a.	n.a.	n.a.	..	..	n.a.	..	1	21500
Lebanon	799	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	..	..	n.a.
Malaysia	480	395	1766	663	867	1376	1478	1837	1129	..
Myanmar	276	916	2119	252	125238	567	375	20672	1044	723
Nepal	n.a.	n.a.	n.a.	3320	n.a.	n.a.	n.a.	n.a.	623	..
Oman	..	..	131	..	..	3	4	..	..	..
Pakistan	22578	58515	..	..	1138	3138	10340	..	n.a.	n.a.
Philippines	881	793	1778	231807	1074	11330	2792	6678	1083	1267
Saudi Arabia	n.a.	1024	n.a.	n.a.	2403	n.a.	n.a.	n.a.	..	..
Singapore	17	56	68	19	35	47	138	35	41	92
Sri Lanka	..	n.a.	..	..	..	n.a.	n.a.	..	9370	..
Syrian Arab Rep	..	..	..	..	..	..	..	1684	..	3787
Thailand	87125	81299	..	..	..	206841	197558	282	129374	..
Turkey	2141	1666	2493	6680	2911	3499	5618	6978	12010	..
United Arab Emirates	..	..	..	..	..	..	..	911	321	..
<b>EUROPE:</b>										
Austria	667	..	..	..	..	76	60	205	192	32
Belgium	618	850	..	..	..	501	2130	772	588	5287
Bulgaria	196	27	310	106	22	409	940	60	51	27
Czechoslovakia	10	..	..	..	..	..	..	..	69	1
Denmark	41	408	346	310	510	1039	8663	2213	3278	..
Finland	100	7	..	15	10	24	23	..	..	..
France	18818	..	9041	2725	1282	1035	..	1628	453	1278



TABLE III-14

INTERNATIONAL STATISTICS ON DRUGS REPORTED SEIZED BY COUNTRY,  
1982-1991 - Continued

Drug Type and Country	(In kilograms)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>EUROPE (Cont'd):</b>										
<b>CANNABIS - Concluded</b>										
Germany	3212	1378	2948	9419	..	427	8912	452	8985	1465
Greece	8230	186	..	512	47	47	3	136	231	400
Hungary	14	24	..	1	..	1	1850	..	2	6
Iceland	7	24	..	9	..	..	26	9	1	11
Ireland	48	44	2	66	1	1	4	147	2	50
Italy	963	1015	855	377	16036	1207	255	238	181	499
Luxembourg	..	26	105	48	..	4	..	4	..	..
Malta	286	6	14662	65	4	..	..	37	34	1
Netherlands	3013	..	..	..	..	48618	..	42315	19752	22330
Norway	..	10	307	..	206	..	143	372	230	393
Portugal	n.a.	..	..	..	..	17	77	38	60	n.a.
Spain	3577	2032	388	26894	180	94	398	4169	1777	909
Sweden	508	1473	463	1414	..	578	..	469	8	61
Switzerland	344	165	462	195	..	47	434	274	54	69
United Kingdom	13029	13734	..	..	..	..	..	..	9339	88
USSR, Former	23	..	37	12	24	..	16	..	4355	77
Yugoslavia	77	152	20	..	..	..	..	..	..	..
<b>OCEANIA:</b>										
Australia	..	..	3371	614	2161	..	6836	..	..	..
Fiji	n.a.	1	4	..	6	8	4	n.a.	2	4
New Caledonia	..	..	..	2	..	..	20	..	..	n.a.
New Zealand	479	316	487	n.a.	326	474	651	625	903	412
Vanuatu	..	..	1	..	..	..	n.a.	n.a.	..	..
Other Countries	338899	2805	24	19	41	76	27	28	11998	26
<b>World Total</b> (in tonnes)	7707	13040	10297	1960	14378	3207	2702	2579	501	1097
<b>AFRICA:</b>										
<b>CANNABIS RESIN</b>										
Côte d'Ivoire	..	372	..	..	..	..	..	..	..	..
Morocco	..	5641	4375	n.a.	n.a.	7937	n.a.	n.a.	n.a.	41478
Tunisia	1	9	..	15	139	64	22	408	177	240
Uganda	n.a.	..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	..	1114
Zambia	n.a.	n.a.	..	n.a.	n.a.	n.a.	..	931	n.a.	n.a.
<b>AMERICA:</b>										
Belize	..	..	..	..	11868	n.a.	..	n.a.	n.a.	n.a.
Bermuda	..	n.a.	n.a.	n.a.	24	n.a.	n.a.	n.a.	..	..
Brazil	..	4	n.a.	..	..	..	..	16	n.a.	n.a.
Canada	3682	6939	759	1149	17936	23643	9450	2524	66359	409
Colombia	..	..	..	..	..	..	1	..	..	..
Guatemala	..	..	..	..	..	..	..	..	2037	..
Jamaica	..	..	5	n.a.	27	..	82	..	..	n.a.
Mexico	..	..	..	..	..	..	..	22	..	..
Netherlands Antilles	..	..	..	..	..	2	n.a.	n.a.	n.a.	n.a.
St Kitts & Nevis	..	..	..	..	..	..	10	..	1	..
United States	1401	14215	933	694	218	1407	41904	66	8	81973
<b>ASIA:</b>										
Afghanistan	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	458	3020	n.a.
Bahrain	11	16	1	..	..	..	1	..	n.a.	..



TABLE III-14

INTERNATIONAL STATISTICS ON DRUGS REPORTED SEIZED BY COUNTRY,  
1982-1991 - Continued

Drug Type and Country	(In kilograms)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>ASIA (Cont'd):</b>										
<b>CANNABIS RESIN - Concluded</b>										
Bangladesh	..	..	..	..	..	2	..	..	n.a.	n.a.
Cyprus	936	8325	144	16795	277	7	1	366	304	497
Hong Kong	26	3	26	22	38	16	14	14	47	83
India	1652	6072	4360	10312	18911	14803	n.a.	8179	6388	4413
Iran, Islamic Rep Of	..	..	..	..	4401	..	n.a.	..	..	..
Israel	n.a.	5225	6400	4920	5258	n.a.	n.a.	6200	1858	67
Japan	3	2	13	16	13	..	15	2	14	27
Kuwait	428	47	9	62	28	64	193	94	n.a.	9
Lebanon	19	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	..	..	n.a.
Nepal	n.a.	n.a.	n.a.	175	n.a.	n.a.	n.a.	n.a.	349	..
Oman	18	..	..	1	..	..	..	..	..	..
Pakistan	38927	..	..	..	239226	159515	1412	..	n.a.	n.a.
Philippines	..	2	..	..	9	46	..	1	19	..
Singapore	1	..	..	..	..	..	..	..	..	..
Sri Lanka	n.a.	n.a.	..	..	..	n.a.	n.a.	..	52	..
Thailand	..	..	..	..	916398	5	..	..	..	..
Yemen	..	..	1	..	..	..	..	n.a.	..	..
<b>EUROPE:</b>										
Andorra	..	..	..	..	..	1	11	..	1	2
Austria	132	..	..	..	..	98	145	..	123	12133
Belgium	7035	12674	..	..	..	6069	13006	9140	7337	733
Czechoslovakia	3	..	..	..	..	..	..	..	..	..
Denmark	911	1749	658	510	473	1235	1369	728	1250	1703
Finland	2	2	15	..	..	..	..	..	..	..
France	7096	n.a.	22380	5508	12494	11576	..	16204	21289	31836
Germany	78	3330	2709	9151	..	2618	2477	11645	4655	10878
Greece	..	..	2044	..	578	578	58	650	5484	1934
Hungary	..	..	..	..	..	..	..	..	2	..
Iceland	..	..	7	..	..	..	..	..	..	..
Ireland	172	485	12	7	11	99	231	43	114	1101
Italy	3924	4154	5191	1058	2	11823	6917	22993	7703	9221
Luxembourg	1	3	13	5	15	16	..	6	..	..
Malta	..	39	..	..	..	..	..	32	5	..
Netherlands	11536	..	..	..	..	..	..	..	90010	73962
Norway	126	311	..	196	..	125	..	..	..	..
Portugal	n.a.	..	..	..	..	4917	342	4595	9545	n.a.
Romania	..	2	..	2	..	..	..	..	..	..
Spain	18278	15489	34462	37354	47866	59210	90940	64225	70075	104750
Sweden	..	150	..	..	1381	..	..	..	592	573
Switzerland	1041	498	463	619	..	549	298	627	461	769
United Kingdom	4412	6859	..	..	..	..	..	..	21549	..
Yugoslavia	43	4087	16	..	..	..	..	..	..	3021
<b>OCEANIA:</b>										
Australia	..	..	3541	2484	805	..	58	..	..	..
New Caledonia	300	..	..	..	..	..	..	..	..	n.a.
New Zealand	..	7	17	n.a.	2	22	17	88	2	1
Other Countries	16	12	7	11	21	12	12	12	941	12
World Total	102211	96723	88561	91066	1278419	306459	168986	150269	321771	382939



TABLE III-14

INTERNATIONAL STATISTICS ON DRUGS REPORTED SEIZED BY COUNTRY,  
1982-1991 - Continued

Drug Type and Country	(In kilograms)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>AMERICA: COCA LEAVES</b>										
Argentina	9446	11774	13132	13661	14993	30314	38027	13887	..	..
Brazil	..	154616	n.a.	..	40814	..	3	..	n.a.	n.a.
British Virgin Islands	..	..	..	n.a.	..	..	491	n.a.	n.a.	..
Chile	..	16	..	103	329	4	138	196	104	59
Colombia	1538	..	..	135291	82928	118942	97360	156414	..	..
Ecuador	n.a.	..	..	..	26	..	..	..	..	..
Peru	n.a.	..	..	..	n.a.	..	..	47425	..	7651
<b>EUROPE:</b>										
Germany	..	1	..	1	..	5	2	2	1	..
Luxembourg	..	..	1	1	2	2	..	..	..	..
United Kingdom	..	..	..	..	..	..	..	..	1	..
Other Countries	..	2	1	3	2	3	2	1	1	..
World Total	10984	166409	13134	149060	139094	149270	136023	217925	107	7710
<b>AMERICA: COCA PASTE</b>										
Brazil	..	..	n.a.	..	..	..	..	245	n.a.	n.a.
Colombia	..	..	..	..	3837	7240	4434	353	..	..
Ecuador	..	..	82	..	..	..	n.a.	..	..	243
Guyana	..	..	..	..	8	..	..	..	..	..
Panama	..	..	..	2	15	35	53	..	n.a.	..
Peru	n.a.	7125	1878	n.a.	..	4022	..	9247	..	7251
United States	..	..	..	..	..	..	..	..	108	..
Other Countries	..	..	..	..	1	..	..	..	..	..
World Total	..	7125	1960	2	3861	11297	4487	9845	108	7494
<b>AFRICA: COCAINE</b>										
Burkina Faso	..	..	..	..	..	..	..	6	..	..
Côte d'Ivoire	..	..	..	..	11	..	1	1	2	3
Ghana	n.a.	..	..	n.a.	2	n.a.	n.a.	..	n.a.	..
Egypt	..	..	..	..	n.a.	1	..	..	..	..
Kenya	..	..	20	n.a.	n.a.	..	n.a.	n.a.	n.a.	n.a.
Morocco	..	..	..	n.a.	n.a.	20	n.a.	n.a.	n.a.	..
Nigeria	3	..	2	..	..	..	..	19	..	555
Rwanda	..	1	..	n.a.	..	..	..	n.a.	n.a.	n.a.
South Africa	3	..	..	..	..	n.a.	..	n.a.	n.a.	38
Togo	..	..	..	..	..	..	3	2	n.a.	n.a.
Tunisia	..	..	..	..	..	..	9	..	..	..
Uganda	n.a.	..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	..	1
<b>AMERICA:</b>										
Antigua & Barbuda	n.a.	n.a.	n.a.	n.a.	..	1	10	n.a.	n.a.	n.a.
Argentina	19	73	141	160	..	605	1102	404	..	..
Aruba	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	274	198	483	n.a.
Bahamas	..	..	n.a.	n.a.	n.a.	n.a.	..	5483	..	..
Barbados	..	..	..	..	1	2	15	16	3	7



TABLE III-14

INTERNATIONAL STATISTICS ON DRUGS REPORTED SEIZED BY COUNTRY,  
1982-1991 - Continued

Drug Type and Country	(In kilograms)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>AMERICA (Cont'd):</b>										
<b>COCAINE - Continued</b>										
Belize	..	..	..	..	5	n.a.	8	n.a.	n.a.	n.a.
Bermuda	n.a.	n.a.	n.a.	..	3	n.a.	n.a.	n.a.	8	3
Brazil	313	599	n.a.	566	790	1012	1655	1277	n.a.	n.a.
Canada	38	58	58	85	102	156	278	1318	247	920
Cayman Islands	..	n.a.	n.a.	..	..	n.a.	..	1	1839	1
Chile	12	64	32	29	61	41	79	855	235	402
Colombia	900	18769	37559	8056	6310	10208	18701	42898	..	..
Costa Rica	..	1	3	..	417	..	69	n.a.	n.a.	n.a.
Cuba	..	461	..	..	..	..	..	1693	1441	1980
Dominica	n.a.	..	..	..	..	..	n.a.	..	3	n.a.
Ecuador	n.a.	..	2	697	384	170	130	522	1075	739
El Salvador	..	..	..	..	..	..	..	7	13	..
Guyana	..	..	1	..	..	..	..	..	..	7
Haiti	..	..	..	..	..	..	1457	..	896	302
Honduras	38	..	1	..	..	..	1403	n.a.	n.a.	n.a.
Jamaica	..	3	367	n.a.	549	8	6	..	..	n.a.
Mexico	399	..	..	..	..	9296	15363	34548	..	..
Netherlands Antilles	40	83	54	25	131	2113	n.a.	n.a.	n.a.	n.a.
Panama	93	58	33	64	62	283	1705	..	n.a.	..
Peru	n.a.	104	94	n.a.	..	24	..	195	..	594
St Kitts & Nevis	..	..	..	9	1	..	..	..	1	..
St Vincent & Grenadine	..	..	..	..	..	n.a.	n.a.	..	514	1
Trinidad & Tobago	2	15	13	16	21	14	n.a.	n.a.	..	..
United States	5671	8901	11495	4449	28562	58964	110845	101910	75919	120343
Venezuela	..	733	1658	164	986	1826	733	2703	5665	8717
<b>ASIA:</b>										
Cyprus	..	..	..	..	..	3	..	..	..	..
Hong Kong	..	..	..	..	..	1	..	..	9	7
India	..	..	4	4	15	4	n.a.	3	1	..
Israel	n.a.	..	1	..	3	n.a.	n.a.	3	12	1
Japan	..	1	..	..	1	..	..	13	68	22
Jordan	..	..	..	..	1	..	2	..	..	..
Lebanon	2	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	..	..	n.a.
Philippines	..	..	1	..	..	..	..	..	2	..
Sri Lanka	n.a.	n.a.	..	..	..	n.a.	n.a.	..	8	..
Turkey	..	..	..	..	..	..	..	..	1	..
<b>EUROPE:</b>										
Andorra	..	..	..	15	..	..	..	..	..	..
Austria	..	..	..	..	..	27	14	14	41	84
Belgium	5	24	..	..	..	269	403	89	537	756
Czechoslovakia	..	..	..	..	..	..	..	..	..	202
Denmark	5	36	6	..	7	25	9	54	28	39
France	79	..	122	95	..	754	..	938	1844	831
Germany	25	95	152	146	..	263	441	1405	2473	963
Greece	..	176	..	..	2	2	2	2	31	13
Hungary	..	..	..	..	..	..	..	..	..	6
Ireland	..	..	..	..	..	..	..	3	1	..
Italy	104	223	73	106	129	329	616	667	801	1290
Luxembourg	..	..	2	27	6	22	..	21	..	..
Malta	..	..	..	..	..	..	..	..	..	5
Netherlands	37	..	32	26	..	405	20	1425	4288	2492
Norway	..	..	..	1	..	5	2	..	..	3



**TABLE III-14 INTERNATIONAL STATISTICS ON DRUGS REPORTED SEIZED BY COUNTRY, 1982-1991 - Continued**

Drug Type and Country	(In kilograms)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>EUROPE (Cont'd):</b>										
<b>COCAINE - Concluded</b>										
Poland	..	..	..	..	..	..	..	..	..	97
Portugal	n.a.	..	..	..	..	222	301	793	360	n.a.
Romania	..	..	..	..	..	..	..	..	..	13
Spain	113	275	277	302	668	1135	3471	1852	5512	7573
Sweden	..	..	43	..	2	1	..	4	..	225
Switzerland	48	52	23	57	..	112	226	306	339	333
United Kingdom	18	95	..	..	..	..	..	..	610	4
USSR, Former	..	..	..	..	..	..	..	..	..	12
<b>OCEANIA:</b>										
Australia	..	7	11	12	21	..	18	..	..	..
New Zealand	..	..	..	n.a.	..	3	20	..	..	4
Other Countries	13	5	14	21	21	17	12	21	2085	21
World Total	7980	30912	52294	15132	39274	88343	159403	201669	107395	149609
<b>AFRICA:</b>										
<b>HEROIN</b>										
Benin	..	..	..	..	..	..	..	2	..	n.a.
Burkina Faso	..	..	..	..	..	..	9	1	..	..
Chad	n.a.	..	..	..	..	..	..	17	n.a.	..
Côte d'Ivoire	..	..	..	..	11	2	3	4	2	6
Djibouti	..	n.a.	3	n.a.	..	..	..	..	..	n.a.
Egypt	..	..	..	..	n.a.	78	..	..	62	86
Ethiopia	..	..	..	..	..	..	..	3	20	..
Ghana	n.a.	n.a.	..	n.a.	..	n.a.	n.a.	1	n.a.	..
Mali	n.a.	n.a.	n.a.	..	..	..	..	3	..	..
Mauritius	..	..	..	3	7	5	1	..	..	3
Morocco	..	..	5	n.a.	n.a.	3	n.a.	n.a.	n.a.	..
Nigeria	..	..	..	..	..	..	..	100	..	65
Togo	..	..	..	..	..	..	69	56	n.a.	n.a.
Tunisia	..	6	..	..	10	..	..	2	..	172
Uganda	n.a.	..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	..	2
<b>AMERICA:</b>										
Bahamas	..	..	n.a.	n.a.	n.a.	n.a.	..	1	..	..
Canada	51	9	19	12	44	30	60	27	55	99
Cuba	..	..	..	..	..	9	..	..	..	..
Mexico	8	..	..	..	..	73	..	151	..	..
Netherlands Antilles	..	1	2	..	..	..	n.a.	n.a.	n.a.	n.a.
Panama	..	..	..	..	..	..	4	..	n.a.	..
United States	276	300	385	763	410	2350	623	929	554	1376
Venezuela	..	..	..	..	..	3	..	..	..	..
<b>ASIA:</b>										
Afghanistan	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	17	643	n.a.
Bahrain	2	6	2	1	1	..	2	..	n.a.	1
China	n.a.	n.a.	n.a.	n.a.	25	50	170	559	n.a.	1959
Cyprus	..	9	6	6	7	9	2	5	5	27
Hong Kong	350	725	1202	372	563	592	879	1052	212	137
India	34	138	202	760	2620	2746	n.a.	2714	2193	622
Iran, Islamic Rep Of	739	2295	2349	1774	1392	1446	n.a.	1373	1800	450
Iraq	..	..	..	2	3	..	..	..	..	..



TABLE III-14

INTERNATIONAL STATISTICS ON DRUGS REPORTED SEIZED BY COUNTRY,  
1982-1991 - Continued

Drug Type and Country	(In kilograms)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>ASIA (Cont'd):</b>										
<b>HEROIN - Concluded</b>										
Israel	n.a.	6	6	6	12	n.a.	n.a.	91	88	42
Japan	..	1	5	14	1	..	17	27	1	25
Jordan	..	..	..	6	2	2	7	4	..	19
Korea, Rep Of	..	..	..	..	..	35	..	n.a.	n.a.	n.a.
Kuwait	3	9	2	1	4	4	5	18	n.a.	..
Lao People's Dem Rep	n.a.	n.a.	n.a.	n.a.	..	..	n.a.	..	1	15
Lebanon	16	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	..	..	n.a.
Malaysia	71	200	243	127	117	40	307	301	189	..
Myanmar	131	48	59	76	48	81	126	187	201	183
Nepal	n.a.	n.a.	n.a.	3	n.a.	n.a.	n.a.	n.a.	3	..
Oman	2	1	2	2	..	..	..	..	..	..
Pakistan	1708	3377	..	..	5638	5477	262	..	n.a.	n.a.
Philippines	..	..	..	..	5	3	..	..	29	15
Saudi Arabia	n.a.	..	n.a.	n.a.	25	n.a.	n.a.	n.a.	n.a.	..
Singapore	29	2	8	5	14	10	52	45	35	56
Sri Lanka	n.a.	n.a.	..	..	..	n.a.	n.a.	..	81	..
Syrian Arab Rep	..	..	..	..	..	..	..	18	..	118
Thailand	604	831	748	..	671	1268	2198	590	1119	..
Turkey	71	478	265	102	167	1331	..	1180	1039	..
United Arab Emirates	..	..	..	..	..	..	..	41	37	..
<b>EUROPE:</b>										
Andorra	..	..	..	..	..	..	1	..	..	..
Austria	33	..	..	..	..	33	50	50	72	102
Belgium	59	91	..	..	..	140	113	92	290	186
Bulgaria	24	..	36	..	..	..	133	155	136	145
Czechoslovakia	..	..	..	3	..	..	..	..	5	20
Denmark	6	12	7	5	17	13	29	36	..	30
France	100	..	208	277	219	213	..	295	405	561
Germany	177	233	237	182	..	279	471	728	..	1594
Greece	52	14	7	12	28	28	53	35	84	273
Hungary	..	3	..	..	..	..	..	27	5	7
Ireland	1	1	..	1	1	..	..	..	..	..
Italy	229	313	456	275	333	323	576	685	902	1540
Luxembourg	..	2	..	6	7	..	..	..	..	..
Malta	..	..	..	12	..	..	..	4	..	..
Netherlands	225	..	..	..	..	517	..	495	532	406
Norway	..	4	2	4	5	4	12	5	3	9
Poland	..	1	9	..	..	..	..	..	n.a.	13
Portugal	n.a.	..	..	..	..	29	33	60	35	n.a.
Romania	1	3	7	..	15	..	..	..	..	12
Spain	85	109	203	252	407	412	479	712	886	741
Sweden	5	3	1	5	3	4	..	8	11	10
Switzerland	17	48	37	56	..	69	43	50	186	61
United Kingdom	195	246	..	..	..	..	..	..	602	2
USSR, Former	..	..	5	15	2	..	..	..	5	13
Yugoslavia	77	56	12	..	..	142	152	..	..	..
<b>OCEANIA:</b>										
Australia	..	..	101	57	30	..	105	..	..	..
New Zealand	..	..	..	n.a.	4	..	3	2	..	..
Other Countries	14	18	21	24	12	9	17	27	937	21
World Total	5395	9599	6862	5221	12880	17862	7066	12985	13465	11224



TABLE III-14

INTERNATIONAL STATISTICS ON DRUGS REPORTED SEIZED BY COUNTRY,  
1982-1991 - Continued

Drug Type and Country	(In kilograms)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>AMERICA:</b>										
<b>MORPHINE</b>										
Argentina	6	8	..	..	..	..	..	..	..	..
Canada	6	1	1	..	..	..	2	..	..	..
Mexico	..	..	..	..	..	10	2	4	..	..
United States	..	..	..	2	..	..	..	1	3	1898
<b>ASIA:</b>										
Afghanistan	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	39	..	n.a.
China	n.a.	n.a.	n.a.	n.a.	..	..	..	..	n.a.	33
Cyprus	..	..	..	..	..	..	..	..	..	2
Hong Kong	13	..	..	..	..	..	..	..	..	..
India	16	20	29	125	206	115	n.a.	10	6	6
Iran, Islamic Rep Of	1220	1094	2	41	142	31	n.a.	600	..	8000
Iraq	..	..	..	..	..	..	..	..	..	1
Japan	..	..	..	..	..	..	..	..	..	1
Malaysia	9	11	6	3	21	..	..	..	1	..
Myanmar	241	40	213	232	29	30	47	..	4	7
Pakistan	57	..	..	..	..	..	..	..	n.a.	n.a.
Philippines	..	..	..	..	..	..	..	2	..	..
Thailand	231	..	..	..	5	34	32	104	..	..
Turkey	224	153	100	91	58	350	376	248	433	..
<b>EUROPE:</b>										
Austria	..	..	..	..	..	..	1	1	..	..
France	5	..	5	..	5	..	..	..	..	..
Germany	..	1	..	1	..	2	3	..	..	..
Greece	..	..	5	..	..	..	..	..	..	..
Italy	..	2	..	..	6	..	1	1	8	..
Spain	..	..	..	4	..	..	..	..	..	..
Switzerland	..	..	..	..	..	80	..	..	..	..
United Kingdom	1	4	..	..	..	..	..	..	20	..
Yugoslavia	1	6	..	..	..	..	..	..	..	..
Other Countries	12	6	4	3	3	6	3	3	6	3
World Total	2042	1346	365	502	475	658	467	1013	481	9951
<b>AFRICA:</b>										
<b>OPIUM</b>										
Djibouti	..	n.a.	14	n.a.	..	..	..	..	..	n.a.
Egypt	850	300	..	..	n.a.	211	..	..	..	50
Mauritius	16	5	2	..	4	..	..	..	..	..
South Africa	12	..	..	..	..	n.a.	..	n.a.	n.a.	..
<b>AMERICA:</b>										
Argentina	31	..	..	..	5	..	..	..	..	..
Canada	1	1	1	3	11	15	4	5	1	5
Mexico	45	..	..	..	..	95	..	449	..	..
Peru	..	..	3	n.a.	..	..	..	..	..	..
United States	119	..	8	45	11	260	214	9	41	232
<b>ASIA:</b>										
Afghanistan	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	1133	1196	n.a.
Bahrain	4	13	1	1	..	..	..	..	n.a.	..



TABLE III-14

INTERNATIONAL STATISTICS ON DRUGS REPORTED SEIZED BY COUNTRY,  
1982-1991 - Concluded

Drug Type and Country	(In kilograms)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>ASIA (Cont'd):</b>										
<b>OPIUM (Concluded)</b>										
Bangladesh	8	..	..	..	4	16	..	..	n.a.	n.a.
China	n.a.	n.a.	n.a.	n.a.	112	159	246	289	n.a.	2026
Cyprus	..	..	1	2	..	..	..	..	..	..
Hong Kong	187	79	49	99	83	152	63	102	67	52
India	5073	6592	7938	6839	8715	2929	n.a.	4855	2114	2145
Iran, Islamic Rep. Of	15057	19641	28853	17445	23824	36770	n.a.	26209	20300	23000
Iraq	..	..	..	..	..	..	..	..	3	..
Israel	n.a.	..	2	..	43	n.a.	n.a.	..	..	..
Japan	..	..	..	..	..	..	..	..	..	10
Jordan	..	..	..	8	9	26	..	..	..	2
Korea, Rep Of	..	..	2	..	..	4	..	n.a.	n.a.	n.a.
Kuwait	..	3	2	1	..	8	9	..	n.a.	..
Lao People's Dem Rep	n.a.	n.a.	n.a.	n.a.	..	..	n.a.	..	117	184
Lebanon	92	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	..	..	n.a.
Malaysia	107	231	884	771	337	217	237	736	657	..
Myanmar	4627	3167	6651	2233	1771	1481	883	622	1730	1519
Nepal	n.a.	n.a.	n.a.	1	n.a.	n.a.	n.a.	n.a.	..	..
Oman	3	16	..	419	..	..	..	..	..	..
Pakistan	13175	19550	..	..	2744	7852	297	..	n.a.	n.a.
Saudi Arabia	n.a.	..	n.a.	n.a.	1	n.a.	n.a.	n.a.	n.a.	..
Singapore	114	48	131	101	233	452	70	139	43	61
Sri Lanka	n.a.	n.a.	281	..	..	n.a.	n.a.	..	5	..
Thailand	1508	918	1706	741	645	944	893	749	759	..
Turkey	..	20	..	..	79	23	12	3	3	..
United Arab Emirates	..	..	..	..	..	..	..	19	11	..
<b>EUROPE:</b>										
Austria	..	..	..	..	..	1	..	..	7	2
Denmark	..	..	..	..	..	..	..	..	..	7
France	15	..	4	..	5	4	..	3	4	3
Germany	7	24	10	10	..	11	17	24	44	1
Greece	..	1	..	..	..	..	..	..	..	2
Italy	12	6	1	4	2	2	2	1	1	1
Netherlands	13	..	..	..	..	..	..	..	..	..
Romania	..	..	..	..	..	..	..	..	..	10
Spain	4	..	..	1	..	..	..	..	..	..
Sweden	..	4	..	..	..	1	..	8	5	2
Switzerland	2	..	1	1	..	1	..	..	..	..
United Kingdom	21	7	..	..	..	..	..	..	7	..
USSR, Former	13	..	1	4	7	..	9	..	1	2
Yugoslavia	45	25	..	..	..	43	..	..	..	..
<b>OCEANIA:</b>										
New Zealand	..	..	..	n.a.	1	..	..	..	..	..
Other Countries	14	9	11	98	9	1	10	11	67	8
World Total	41175	50660	46557	28827	38655	51678	2966	35366	27183	29324

Source: United Nations, International Narcotics Control Board - Vienna, *Narcotic Drugs, Estimated World Requirements for 1989, Statistics for 1987, Narcotic Drugs, Estimated World Requirements for 1990, Statistics for 1988, Narcotic Drugs, Estimated World Requirements for 1991, Statistics for 1989, Narcotic Drugs, Estimated World Requirements for 1992, Statistics for 1990, Narcotic Drugs, Estimated World Requirements for 1993, Statistics for 1991* (New York: United Nations, 1988, 1989, 1990, 1991, 1992, respectively).







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## CHAPTER IV

# TOBACCO

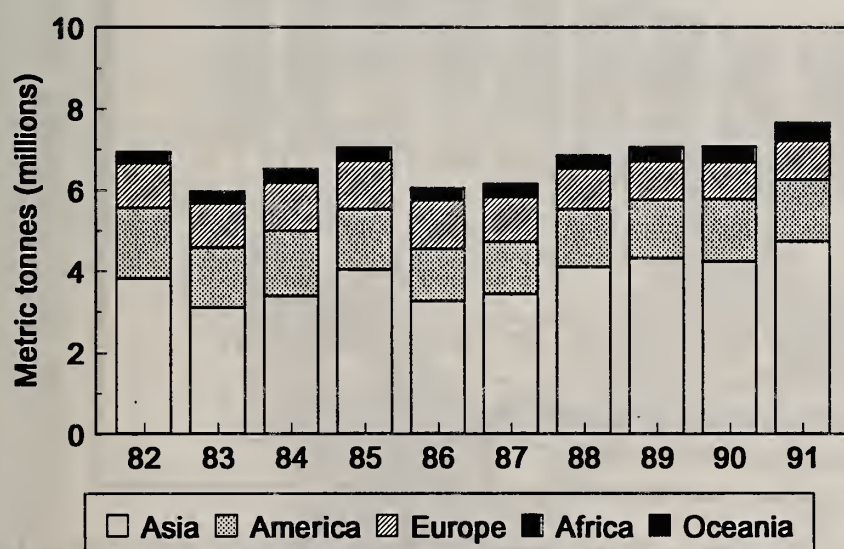
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### *Tobacco Production*

During the past decade, world tobacco production fluctuated from a low of 6.0 million metric tonnes in 1983 to 7.7 million metric tonnes in 1991 (Table IV-1; Figure IV-1). In 1991, production increased by 8.3% to 7.7 million metric tonnes. This was the fifth consecutive year in which production rose. During the five years between 1986 and 1991, world output has grown at an average annual rate of 5%.

- 
- World tobacco production in 1991 was 7.7 million metric tonnes
  - Tobacco production in Asia increased by 24% between 1982 and 1991
  - In 1991, China produced 41% of the world's tobacco
  - 5.3 trillion cigarettes were produced in 1991
- 

**Figure IV-1: World Tobacco Production, 1982-1991**



Regionally, in 1991 Asian production accounted for 61.8% of the world total, followed by the Americas (19.9%), Europe (12.3%), Africa (5.8%), and Oceania (0.2%).

Production in Asia fluctuated between 3.1 million metric tonnes in 1983 and 4.7 million metric tonnes in 1991. Generally, tobacco production in

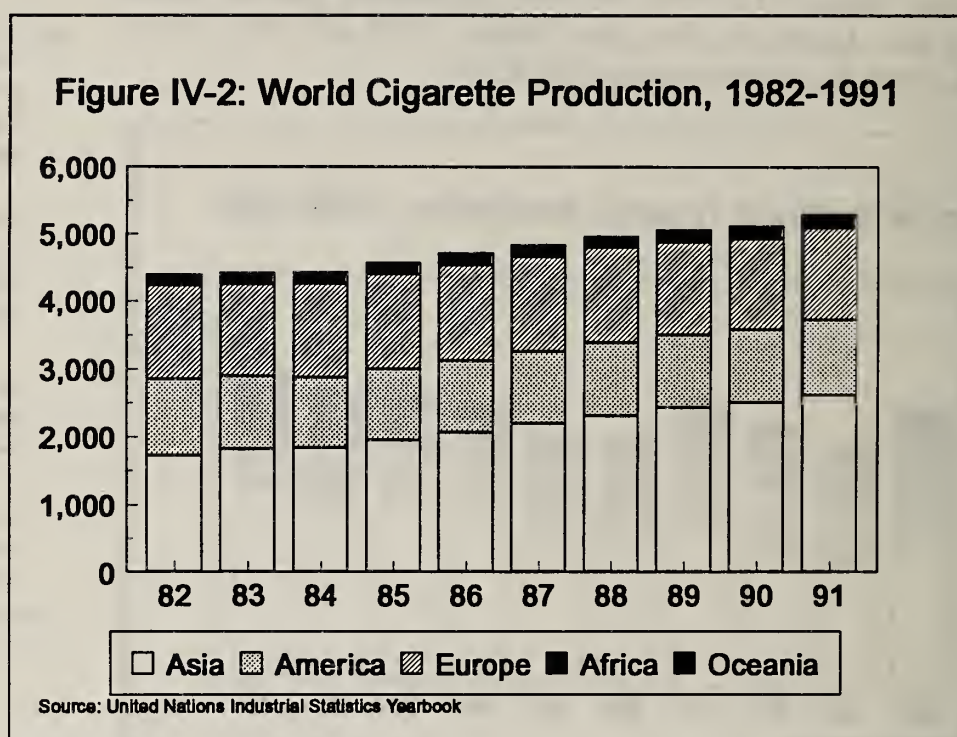


Asia has been increasing. In 1991, output of tobacco increased 11.8% to 4.73 million metric tonnes. China accounted for 65.9% of all Asian production in 1991.

The Americas were the second largest tobacco producing region, with an output of 1.52 million metric tonnes in 1991. The United States produced 0.75 million tonnes, accounting for 49.4% of the regional total. Brazil, the second largest producer in the Americas, accounted for 27.1% of production.

### ***Cigarette Production***

Global cigarette production increased consistently at an average rate of 2.0% per year from 4.4 trillion cigarettes in 1981 to 5.3 trillion cigarettes in 1990 (Table IV-2; Figure IV-2). In most regions, cigarette production during the past decade remained stable. Most of the growth occurred in Asia, where production grew at an average annual rate of 4% per year.



In 1990, Asian countries produced 2.6 trillion cigarettes (49.6% of world production). China produced 1.6 trillion cigarettes in 1990, accounting for 62.9% of Asian production and 31.2% of world production. Between 1981 and 1990 Chinese production grew at an average annual rate of 9%. In contrast, Japanese production (Asia's second largest producer) declined from 306.6 billion cigarettes in 1982 to 268.1 billion cigarettes in 1991, a drop of 12.6%.

Cigarette production in the rest of the world remained stable during the period examined. In 1990, European cigarette production accounted for 26.9% of world output while the Americas accounted for an additional 21.0%.



**Figure IV-3: Deaths from Malignant Neoplasms  
of the Trachea, Bronchus and Lungs, Rates per 100,000**  
(latest year available)



Source: World Health Statistics Annual



## ***Lung Cancer Deaths***

Table IV-4 presents the number of deaths from malignant neoplasms of the trachea, bronchus and lungs, while Table IV-5 showed the corresponding rates per 100,000 population and Figure IV-3 presents a comparable map. While not all deaths in this category can be attributed to smoking, there is evidence to suggest that lung cancer mortality is highly correlated with smoking.

## ***EXPLANATORY NOTES***

### **Table IV-1: Tobacco**

Figures represent tobacco leaf production in reference to farm sales weight as far as this could be determined. Data on a dry weight basis have, therefore, been converted by the Food and Agriculture Organization of the United Nations into farm sales weight at about 90 parts to 100.

### **Table IV-2: Cigarettes**

Data refer to the total industrial production (whether the product is primary, secondary or intermediate) of cigarettes only during the years indicated and within the boundaries of each country or area. Unless otherwise stated in the footnotes, cigars and cigarillos are excluded.

### **Table IV-4: Lung Cancer Deaths**

The cause of death is defined as "the disease or injury which initiated the train of morbid events leading directly to death, or the circumstances of the accident or violence which produced the fatal injury"<sup>1</sup>. Figures are limited to those countries that report appropriately to the World Health Organization in accordance with the Basic Tabulation List of ICD-9 or List A of ICD-8. Deaths from malignant neoplasms, cancer of the trachea, bronchus and lung correspond to code 102 of the ICD-9 Basic Tabulation List and code A51 of the ICD-8.

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<sup>1</sup> World Health Organization, Manual of the International Statistical Classification of Diseases, Injuries and Causes of Death, Ninth Revision (1975) Vol.1, p. 763 (Geneva: World Health Organization, 1977).



TABLE IV-1 TOBACCO PRODUCTION BY COUNTRY, 1982-1991

Area & Country	(In Thousand Metric Tonnes)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>AFRICA:</b>										
Algeria	4.5	3.3	6.3	4.0	3.9	4.6	3.5	3.5	3.6	5.0 <sup>1</sup>
Angola	3.0 <sup>2</sup>	3.0 <sup>2</sup>	3.0 <sup>2</sup>	3.0 <sup>1</sup>	3.0 <sup>1</sup>	4.0 <sup>1</sup>	5.0 <sup>1</sup>	4.0 <sup>1</sup>	4.0 <sup>1</sup>	4.0 <sup>2</sup>
Benin	0.2	0.2	0.3	0.4	0.4	0.3	0.4	0.3	0.3 <sup>2</sup>	0.3 <sup>2</sup>
Burkina Faso <sup>2</sup>	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Burundi	3.4	3.5	3.0	3.0	3.7	4.0	4.0 <sup>2</sup>	4.0 <sup>2</sup>	4.0 <sup>2</sup>	4.0 <sup>2</sup>
Cameroon	1.8	1.8	2.2	2.2	3.3	1.7	2.0 <sup>1</sup>	2.0 <sup>1</sup>	3.0 <sup>1</sup>	4.0 <sup>2</sup>
Central African Rep	1.2	0.7	0.8	0.8	1.1	0.6	0.6	0.4	0.5 <sup>2</sup>	0.5 <sup>2</sup>
Chad <sup>2</sup>	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Congo	0.4	0.2	0.3	0.3	0.1	0.1	0.1 <sup>2</sup>	2.0 <sup>1</sup>	2.0 <sup>1</sup>	2.0 <sup>1</sup>
Côte d'Ivoire	1.8	1.8 <sup>2</sup>	1.9 <sup>2</sup>	2.0 <sup>2</sup>	2.0 <sup>2</sup>	2.0 <sup>2</sup>	2.0 <sup>2</sup>	2.0 <sup>1</sup>	2.0 <sup>1</sup>	2.0 <sup>1</sup>
Ethiopia	2.9 <sup>2</sup>	2.9 <sup>2</sup>	3.0 <sup>2</sup>	3.1 <sup>2</sup>	3.3 <sup>2</sup>	3.4 <sup>2</sup>	3.5 <sup>2</sup>	4.0 <sup>1</sup>	4.0 <sup>1</sup>	4.0 <sup>1</sup>
Ghana	1.2 <sup>2</sup>	1.8 <sup>2</sup>	2.4 <sup>2</sup>	2.8	2.0 <sup>1</sup>	2.0 <sup>1</sup>	2.0 <sup>1</sup>	2.0 <sup>1</sup>	2.0 <sup>1</sup>	2.0 <sup>1</sup>
Guinea	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8
Kenya	5.2	6.6	8.6	5.1	5.1	7.0 <sup>1</sup>	8.0 <sup>1</sup>	10.6 <sup>1</sup>	8.8 <sup>1</sup>	10.0 <sup>1</sup>
Libyan Arab Jamah <sup>2</sup>	0.9	1.0	1.0	1.0	1.0	1.1	1.2	1.2	1.3	1.2
Madagascar	2.6	2.1	3.7	3.7	5.5	4.5	2.5	3.9	4.0 <sup>2</sup>	4.2 <sup>2</sup>
Malawi	58.6	72.4	73.3	73.3	63.5	72.5	75.0	86.3	101.0	125.4 <sup>1</sup>
Mali <sup>1</sup>	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6
Mauritius	0.6	0.8	0.9	0.8	0.9	0.9	1.0	1.0	0.8	0.8 <sup>2</sup>
Morocco	9.6 <sup>1</sup>	9.5 <sup>2</sup>	9.4 <sup>2</sup>	9.3	4.0 <sup>1</sup>	5.0 <sup>1</sup>	6.0 <sup>1</sup>	6.6	7.3	7.0 <sup>1</sup>
Mozambique	3.0 <sup>2</sup>	3.0 <sup>2</sup>	3.0 <sup>2</sup>	3.0 <sup>2</sup>	3.0 <sup>2</sup>	3.0 <sup>2</sup>	3.0 <sup>2</sup>	3.0 <sup>2</sup>	3.0 <sup>1</sup>	3.0 <sup>1</sup>
Niger	0.8 <sup>2</sup>	0.8 <sup>2</sup>	0.9 <sup>2</sup>	0.8	0.9 <sup>2</sup>	0.9 <sup>2</sup>	0.9 <sup>2</sup>	1.0 <sup>2</sup>	1.0 <sup>1</sup>	1.0 <sup>2</sup>
Nigeria	4.1 <sup>1</sup>	2.5 <sup>1</sup>	9.5 <sup>1</sup>	10.5 <sup>1</sup>	9.0 <sup>1</sup>	8.0 <sup>1</sup>	10.0 <sup>1</sup>	9.9	9.0 <sup>1</sup>	9.0 <sup>1</sup>
Réunion	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2 <sup>2</sup>	0.2 <sup>2</sup>	0.2 <sup>2</sup>
Rwanda <sup>2</sup>	2.4	2.5	2.6	3.0	3.0	3.1	3.2	3.3	3.4	3.5
Sierra Leone <sup>2</sup>	0.5	0.5	0.5	0.5	0.6	0.7	0.7	0.7	0.7	0.7
Somalia <sup>2</sup>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
South Africa	34.2	38.7	35.9	37.3	32.2	27.2	29.8	34.2	33.9	35.0 <sup>1</sup>
Swaziland	0.2	0.2	0.1	0.1	0.1	0.1	0.1 <sup>2</sup>	0.1 <sup>2</sup>	0.1 <sup>2</sup>	0.1 <sup>2</sup>
Tanzania	13.6	11.0	13.4	12.6	16.5	12.9	14.5	14.7	14.0 <sup>1</sup>	14.0 <sup>1</sup>
Togo	2.0 <sup>2</sup>	2.0 <sup>2</sup>	2.0 <sup>2</sup>	2.0 <sup>2</sup>	2.0 <sup>2</sup>	2.0 <sup>2</sup>	2.0 <sup>2</sup>	2.0 <sup>1</sup>	2.0 <sup>1</sup>	2.0 <sup>1</sup>
Tunisia	5.5	4.4	3.4	4.0	4.5	5.4	5.0	5.5	6.8	5.8 <sup>2</sup>
Uganda	0.6	1.7	2.0	1.6	0.9	1.2	2.6	3.5	3.3	4.0 <sup>1</sup>
Zaire	7.8	8.1	8.2	8.2	3.2	2.9	2.8	2.9	4.0 <sup>1</sup>	4.0
Zambia	2.6	2.9	3.1	2.7	3.9	3.6	4.4	3.6	4.4	5.0
Zimbabwe	90.6	99.0	124.9	109.1	116.9	131.5	123.7	135.2	139.8	178.0
<b>Total Africa <sup>3</sup></b>	<b>269.7</b>	<b>292.8</b>	<b>333.2</b>	<b>314.5</b>	<b>303.7</b>	<b>320.2</b>	<b>323.4</b>	<b>357.4</b>	<b>377.9</b>	<b>445.6</b>
<b>AMERICA:</b>										
Argentina	68.7	74.4	74.8	60.5	66.4	71.0	72.2	80.5 <sup>1</sup>	68.0 <sup>1</sup>	94.0 <sup>1</sup>
Bolivia	1.1	1.2	1.1	1.0	0.8	0.9	1.0	1.1	1.0 <sup>1</sup>	1.0 <sup>1</sup>
Brazil	420.3	392.6	413.6	410.5	386.8	397.5	431.0	446.0	444.4	413.8
Canada	70.2	111.7	89.4	96.7	67.5	61.4	58.3	75.6	63.1	67.7 <sup>1</sup>
Chile	5.7	5.8	8.1	7.8	7.8	8.3	10.4	10.5	14.4	15.4
Colombia	48.7	47.8	34.6	27.2	28.6	34.9	35.7	33.7	33.0	40.5
Costa Rica	1.3	1.9	2.4	2.0	1.6	1.7	1.8	1.4 <sup>1</sup>	1.6 <sup>1</sup>	1.2 <sup>1</sup>
Cuba	44.9	30.2	44.6	44.6	45.6	38.8	39.4	41.6	44.0 <sup>1</sup>	44.0 <sup>1</sup>
Dominican Republic	34.2	33.6	27.9	31.4	26.0	28.7	28.0	29.7	19.3	25.3
Ecuador	3.3	1.8	4.4	3.1	3.5	3.7	3.5	3.2	3.6	4.0 <sup>1</sup>



TABLE IV-1 TOBACCO PRODUCTION BY COUNTRY, 1982-1991 - Continued

Area & Country	(In Thousand Metric Tonnes)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>AMERICA (Cont'd):</b>										
El Salvador	4.4	4.7	1.4	1.3	1.1	1.4	1.0 <sup>1</sup>	0.7 <sup>1</sup>	0.7 <sup>1</sup>	0.7 <sup>1</sup>
Guatemala	9.7 <sup>1</sup>	9.0	10.3	8.7 <sup>1</sup>	7.4 <sup>1</sup>	10.1	11.5	8.0	6.8 <sup>1</sup>	6.5 <sup>1</sup>
Guyana	0.1 <sup>1</sup>	0.1	0.2	0.3	0.1	0.1 <sup>1</sup>	0.1 <sup>1</sup>	0.1 <sup>1</sup>	0.1 <sup>1</sup>	0.1 <sup>2</sup>
Haiti	0.6 <sup>1</sup>	0.7 <sup>1</sup>	0.7 <sup>1</sup>	0.7 <sup>1</sup>	0.7 <sup>1</sup>	0.7 <sup>1</sup>	0.7 <sup>1</sup>	0.7 <sup>1</sup>	0.7 <sup>2</sup>	0.7 <sup>2</sup>
Honduras	7.4	7.4	5.4	5.3	4.7	4.2	3.6	4.8	5.5	6.8
Jamaica <sup>1</sup>	1.8	1.5	2.4	1.4	2.3	2.3	2.3	2.3	2.3	2.3
Mexico	69.5	53.3	41.4	47.8	64.0	47.0	69.0	49.0	62.0	20.0
Nicaragua	2.9	2.4	4.7	3.4	2.7	2.9	2.1	1.7	2.1	2.5
Panama <sup>4</sup>	1.4	1.1	1.3	1.4	1.5	1.2	1.5	1.8	1.8 <sup>2</sup>	1.8 <sup>2</sup>
Paraguay	14.5	18.6	22.1	24.9	17.5	14.5	6.8	2.4	5.1	5.0 <sup>2</sup>
Peru	2.4	2.4	4.0	3.1 <sup>1</sup>	3.1 <sup>1</sup>	3.1 <sup>1</sup>	3.1 <sup>1</sup>	3.1 <sup>1</sup>	3.1 <sup>1</sup>	3.1 <sup>1</sup>
Puerto Rico	0.2	0.2	0.4	0.3	0.2	0.1	0.1	0.1	0.0	0.0
St Vincent & Grenadines	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0 <sup>2</sup>	0.0 <sup>2</sup>
Trinidad and Tobago	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1 <sup>2</sup>
United States	904.7	648.2	783.8	685.7	528.0	539.3	621.2	620.2	737.7	753.0
Uruguay	1.4 <sup>1</sup>	1.3	1.4 <sup>1</sup>	1.4 <sup>1</sup>	1.4 <sup>1</sup>	1.4 <sup>1</sup>	1.8	1.9	1.9	2.0
Venezuela	16.3	15.0	14.8	15.5	16.7	16.2	15.3	14.9	14.6	12.4 <sup>1</sup>
<b>Total America<sup>3</sup></b>	<b>1735.7</b>	<b>1466.9</b>	<b>1595.6</b>	<b>1485.8</b>	<b>1286.2</b>	<b>1291.5</b>	<b>1421.5</b>	<b>1435.0</b>	<b>1536.9</b>	<b>1523.8</b>
<b>ASIA:</b>										
Bangladesh	51.0	50.4	47.8	49.3	46.5	40.0	41.5	39.3	37.8	36.0 <sup>2</sup>
Bhutan	0.1 <sup>2</sup>	0.1 <sup>2</sup>	0.1 <sup>2</sup>	0.1 <sup>2</sup>	0.1 <sup>2</sup>	0.1 <sup>2</sup>	n.a.	n.a.	n.a.	n.a.
Cambodia <sup>2</sup>	5.0	7.0	7.5	9.0	9.5	10.0	11.0	12.0	13.0	14.0
China	2204.6	1403.3	1815.5	2450.2	1731.5	1967.0	2754.2	2848.8	2616.5 <sup>1</sup>	3121.0 <sup>1</sup>
Cyprus	0.2	0.2	0.3	0.3	0.3	0.4	0.2	0.3	0.3	0.3 <sup>2</sup>
India	520.1	581.6	492.5	485.9	441.2	461.8	367.4	492.8	550.0	560.0
Indonesia	109.0	110.0	108.0	161.0	164.5	112.7	116.9	80.9	149.6	159.0 <sup>1</sup>
Iran, Islamic Rep of	25.0	21.1	22.0	28.2	27.7	25.3	20.7	15.4	25.0 <sup>1</sup>	25.0 <sup>1</sup>
Iraq	12.3	14.3	13.6	17.0	12.8	9.1	1.8	3.2	4.4	2.0 <sup>1</sup>
Israel	0.5	0.6	0.6	0.6	0.6	0.5	0.3	0.3	0.2	0.2 <sup>2</sup>
Japan	139.4	136.7	135.5	116.2	116.8	104.4	85.8	74.4	77.5	71.0 <sup>1</sup>
Jordan	3.5	5.9	2.5	2.8	1.7	2.9	3.7	2.9	2.9	2.9 <sup>2</sup>
Korea, Dem Rep of <sup>2</sup>	48.0	50.0	52.0	56.0	58.0	60.0	62.0	64.0	65.0	66.0
Korea, Republic of	115.2	100.7	94.2	75.7	83.0	78.0	73.0	78.4	70.1	73.4 <sup>1</sup>
Lao People's Democratic Rep.	3.1	2.2	2.3	3.1	2.5 <sup>2</sup>	3.6 <sup>2</sup>	3.8 <sup>2</sup>	4.2 <sup>2</sup>	5.0 <sup>2</sup>	5.5 <sup>2</sup>
Lebanon	4.1	4.1	4.0 <sup>1</sup>	3.5 <sup>1</sup>	3.5 <sup>2</sup>	3.3	3.1	2.2	1.7	1.8 <sup>2</sup>
Malaysia	8.6	8.7	6.5	9.4	14.3	11.4	7.3	13.9	11.0	11.0 <sup>1</sup>
Myanmar	51.8	58.0	64.8	69.4	74.1	65.0	48.8	50.3	40.0	40.3
Nepal	4.8	6.6	6.9	6.4	4.7	4.9	4.5	5.4	6.6	7.0
Oman	1.0 <sup>2</sup>	1.0 <sup>2</sup>	1.9	1.8	2.0	2.1	2.1	0.7	2.0	2.1 <sup>2</sup>
Pakistan	69.2	64.7	79.6	87.2	78.2	69.2	69.5	73.9	68.1	75.9 <sup>1</sup>
Philippines	86.1	86.3	98.1	74.3	74.2	82.8	76.4	79.9	81.7	78.8 <sup>1</sup>
Sri Lanka	16.7	14.5	15.3	15.3	15.1	12.0	12.9	11.0	10.3 <sup>1</sup>	10.5 <sup>2</sup>
Syrian Arab Rep	13.7	14.4	13.3	13.9	16.6	16.8	15.4	13.0	13.1	16.4
Thailand	86.0	93.0	90.0 <sup>1</sup>	90.0 <sup>1</sup>	85.0 <sup>1</sup>	67.0 <sup>1</sup>	54.2 <sup>1</sup>	60.2 <sup>1</sup>	70.9 <sup>1</sup>	70.5 <sup>1</sup>
Turkey	207.7	233.8	177.5	170.5	158.5	184.7	219.1	269.9	287.5	247.4
United Arab Emirates	1.4	2.3 <sup>2</sup>	1.0	0.7	0.6 <sup>2</sup>	0.5	0.5	0.6 <sup>2</sup>	0.7 <sup>2</sup>	2.0 <sup>1</sup>



TABLE IV-1 TOBACCO PRODUCTION BY COUNTRY, 1982-1991 - Concluded

Area & Country	(In Thousand Metric Tonnes)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>ASIA (Cont'd):</b>										
Viet Nam	21.2	24.9	33.0	38.2	33.4	33.4	35.6	23.9	17.6	28.0 <sup>1</sup>
Yemen	7.5	6.4	5.0	5.0	5.1	5.3	6.4	4.4	6.8	7.0
<b>Total Asia <sup>3</sup></b>	<b>3817.2</b>	<b>3103.2</b>	<b>3391.6</b>	<b>4041.1</b>	<b>3262.1</b>	<b>3434.5</b>	<b>4098.0</b>	<b>4326.4</b>	<b>4235.5</b>	<b>4735.3</b>
<b>EUROPE:</b>										
Albania	17.5	17.5	19.0 <sup>1</sup>	20.0 <sup>1</sup>	20.0 <sup>1</sup>	20.0 <sup>1</sup>	26.2 <sup>1</sup>	20.0 <sup>1</sup>	14.8 <sup>2</sup>	11.5 <sup>2</sup>
Austria	0.4	0.5	0.5	0.5	0.5	0.4	0.5	0.4	0.4	0.4 <sup>1</sup>
Belgium-Luxembourg	1.7	1.6	1.8	1.9	2.0	1.1	1.5	1.5	1.5	1.5 <sup>2</sup>
Bulgaria	149.0	112.0	140.8	126.0	126.1	133.1	116.1	81.1	76.5	74.1
Czechoslovakia	6.2	5.8	5.3	6.1	5.1	6.1	5.4	5.5	5.0	5.1
France	43.0	36.2	35.5	35.8	37.5	37.6	32.6	28.6	27.6	27.0 <sup>1</sup>
Germany	12.0	11.3	12.5	13.8	13.8	11.7	12.8	12.4	10.4	6.5 <sup>2</sup>
Greece	138.4	115.8	145.3	150.6	161.0	155.0	149.0	133.0	130.0	177.7 <sup>1</sup>
Hungary	24.7	20.5	20.2	21.0	21.3	19.7	16.0	14.7	13.6	19.0 <sup>1</sup>
Italy	145.0	156.0	161.3	166.5	145.7	162.1	184.4	197.3	194.0	192.0 <sup>2</sup>
Poland	95.9	99.8	98.3	111.5	125.2	113.9	90.4	56.1	59.0	57.4
Portugal	1.8	2.6	3.5	3.9	4.3	3.8	3.9	4.8	4.9	6.0 <sup>1</sup>
Romania	32.9	24.7	37.1	26.1	32.1	33.1	35.8	27.5	32.0 <sup>2</sup>	34.0 <sup>2</sup>
Spain	42.2	43.2	43.2	42.2	37.7	31.9	33.7	55.1	35.7 <sup>1</sup>	43.2 <sup>1</sup>
Switzerland	1.6	1.7	1.8	1.5	1.7	1.3	1.5	1.6	1.1	1.3
USSR, Former	307.0	385.0	378.0	381.0	374.0	303.0	245.4	233.2	260.0 <sup>1</sup>	240.0 <sup>1</sup>
Yugoslavia	77.0	67.0	77.0	82.8	96.3	76.0	52.0	57.3	45.7	45.5 <sup>1</sup>
<b>Total Europe <sup>3</sup></b>	<b>1096.2</b>	<b>1101.2</b>	<b>1181.0</b>	<b>1191.0</b>	<b>1204.2</b>	<b>1109.9</b>	<b>1007.1</b>	<b>930.0</b>	<b>912.3</b>	<b>942.3</b>
<b>OCEANIA:</b>										
Australia	13.3	13.4	14.4	12.5	10.7	12.2	12.7	11.4	12.3	14.0
Fiji	0.4	0.3	0.2	0.4	0.3	0.2	0.1	0.2	0.2	0.2
New Zealand	1.5	1.7	1.8	2.0	1.2	2.0	1.5	0.9	0.8	0.8 <sup>2</sup>
Samoa <sup>4</sup>	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Solomon Islands <sup>2</sup>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<b>Total Oceania <sup>3</sup></b>	<b>15.4</b>	<b>15.7</b>	<b>16.7</b>	<b>15.1</b>	<b>12.4</b>	<b>14.7</b>	<b>14.5</b>	<b>12.7</b>	<b>13.6</b>	<b>15.3</b>
<b>World Total <sup>3</sup></b>	<b>6934.2</b>	<b>5979.7</b>	<b>6518.0</b>	<b>7047.5</b>	<b>6068.6</b>	<b>6170.6</b>	<b>6864.6</b>	<b>7061.6</b>	<b>7076.2</b>	<b>7662.3</b>

<sup>1</sup> Provisional or estimated figure.<sup>2</sup> United Nations, Food and Agriculture Organization estimate.<sup>3</sup> Totals are calculated from original data. Figures may not match due to rounding.<sup>4</sup> Excluding former Canal Zone.

Source: United Nations, Department of Economic and Social Information and Policy Analysis, Statistical Division, Statistical Yearbook, Thirty-eighth issue, 1990/91 (New York: United Nations, 1993).



TABLE IV-2 CIGARETTE PRODUCTION BY COUNTRY, 1981-1990

Country or Area	(In Billion Cigarettes)									
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>AFRICA:</b>										
Algeria <sup>1</sup>	16.2 <sup>2</sup>	17.5	17.5	18.0	18.5	20.2	17.7	17.0	16.0	18.8
Angola	2.4 <sup>2</sup>	2.4 <sup>2</sup>	2.4 <sup>2</sup>	2.4 <sup>2</sup>	2.4 <sup>2</sup>	2.4 <sup>2</sup>	2.4 <sup>1</sup>	2.4 <sup>1</sup>	2.4 <sup>1</sup>	2.4
Burkina Faso	0.6	0.7	0.7	0.7	0.7	0.5	0.4	0.5	0.6	0.8
Burundi	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
Cameroon	1.5 <sup>2</sup>	1.6 <sup>2</sup>	2.0	2.3	2.1	3.8 <sup>2</sup>	4.3 <sup>2</sup>	4.3 <sup>2</sup>	4.3 <sup>2</sup>	4.3
Central African Rep	0.4	0.4	0.4	0.4	0.5	0.4	0.5	-	-	-
Chad	-	-	-	14.9	15.5	11.3	9.9	10.2	9.4	12.4
Congo <sup>1</sup>	0.8	0.8	0.9	0.9	1.0	0.9	0.8	0.8	1.0	1.0
Côte d'Ivoire	3.7	3.5	3.6	3.2	4.0	4.2 <sup>2</sup>	4.4 <sup>2</sup>	4.5 <sup>2</sup>	4.5 <sup>2</sup>	4.5
Egypt	33.2	36.0	35.6	44.6	47.5	44.4	47.5	43.8	43.2	39.8
Ethiopia <sup>3</sup>	1.6	1.7	1.9	2.0	2.2	2.6	3.0	3.0	2.3 <sup>2</sup>	2.3
Gabon	0.3	0.3	0.3	0.3	0.4	0.3	-	-	-	-
Ghana	1.6	1.2	1.1	2.0	1.9	1.8	1.7	1.8	2.1 <sup>1</sup>	2.1
Kenya	5.0	4.9	5.6	5.4	5.4	5.8	6.4	6.6	6.7	6.6
Liberia	0.0	0.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
Libyan Arab Jamahiriya	2.3	2.9	3.4	3.5	3.5	3.5	3.5	3.5	3.5	3.5
Madagascar <sup>1</sup>	1.9	2.1	1.8	2.1	2.4	2.2	2.7	1.8	2.3	2.0
Malawi	0.6	0.7	0.8	0.8	0.9	0.9	0.9	1.0	1.1	1.1
Mauritius <sup>1</sup>	1.1	1.0	1.0	1.3	1.4	1.3	1.4	1.3	1.3	1.4
Morocco	12.4	11.5	0.6	0.5	0.6	0.7	0.7	0.7	0.6	0.6
Mozambique	1.3	1.1	0.9	0.8	0.7	1.1	0.9	0.7	1.1	-
Nigeria	8.6 <sup>2</sup>	9.0 <sup>2</sup>	9.8 <sup>2</sup>	9.0 <sup>2</sup>	9.1 <sup>2</sup>	9.6 <sup>2</sup>	10.0 <sup>2</sup>	10.0 <sup>2</sup>	10.0 <sup>2</sup>	10.0
Rwanda	-	-	0.8	0.7	0.7	0.6	0.7	0.5	-	-
Senegal <sup>1</sup>	2.4	2.2	2.5	2.5	3.0	3.3	1.9	1.3	3.4	3.4
Seychelles	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Sierra Leone	1.8	1.2	1.0	1.3	1.2	0.9	1.1	0.9	1.2	1.2
South Africa	30.0	32.5	31.1	32.5	31.7	30.7	17.8	28.0	36.7	40.8
Sudan	1.1 <sup>1</sup>	0.8 <sup>1</sup>	1.4 <sup>1</sup>	1.9 <sup>1</sup>	2.7	2.2	2.2	1.8	0.8	0.8
Tanzania	3.9	4.7	3.8	4.0	2.7	2.7	2.6	2.8	2.8	-
Tunisia	4.0	6.0	5.9	5.5	6.3	8.1	6.9	7.1	7.3	7.5
Uganda	0.2	0.7	0.6	1.0	1.4	1.4	1.4	1.6	1.6	1.3
Zaire <sup>4</sup>	3.1	3.3	3.5	3.5	3.5	3.6	3.6	5.2 <sup>2</sup>	5.2 <sup>2</sup>	5.2
Zambia	1.2	1.4 <sup>2</sup>	1.4 <sup>2</sup>	1.4 <sup>2</sup>	1.4 <sup>2</sup>	1.5 <sup>2</sup>	1.5 <sup>2</sup>	1.5 <sup>2</sup>	1.5 <sup>2</sup>	1.5
Zimbabwe	3.8	3.1	2.4	2.3	2.3	2.3 <sup>2</sup>	2.4 <sup>1</sup>	2.5 <sup>2</sup>	2.6 <sup>2</sup>	2.5
<b>Total Africa <sup>5</sup></b>	<b>164.7</b>	<b>171.9</b>	<b>159.9</b>	<b>172.4</b>	<b>178.1</b>	<b>175.6</b>	<b>161.9</b>	<b>168.4</b>	<b>179.5</b>	<b>183.5</b>
<b>AMERICA:</b>										
Argentina <sup>1</sup>	29.1	26.9	28.2	30.8	31.1	32.1	29.7	32.0	33.7	33.6
Barbados <sup>1</sup>	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1
Belize	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Bolivia	1.1	0.6	0.6	0.4	0.5	0.9	0.9	1.2	1.2	1.2
Brazil	138.0	132.3	129.2	127.8	146.3	168.0	161.4	157.9	162.7	174.0
Canada	68.6	68.2	63.9	61.6	63.5	55.6	54.0	53.9	48.8	46.0
Chile	9.2	7.7	7.7	8.1	8.1	8.3	8.2	9.1	9.7	10.0
Colombia	19.3	17.9	19.1	23.4	24.1	24.2	22.0	18.3	18.3	17.5
Costa Rica	2.3	2.0	2.2	2.2	2.2	2.0	2.1	2.1	2.1	2.0
Cuba	15.4	17.0	16.8	18.7	18.0	16.8	15.4	16.9	16.5	-
Dominica	0.03	-	0.027	0.027	0.029	0.029	-	-	-	-
Dominican Republic	3.4	3.6	3.6	3.7	3.8	4.2	4.5	4.8	4.5	4.7
Ecuador	4.2	5.1	5.0	5.0	4.8	4.0	4.6 <sup>2</sup>	4.6 <sup>2</sup>	4.6 <sup>2</sup>	4.6
El Salvador	2.3	2.3	2.1	2.5 <sup>1</sup>	2.3 <sup>2</sup>	2.1 <sup>2</sup>	2.1 <sup>2</sup>	2.0	2.0	2.0
Grenada	0.02	0.02	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02
Guatemala	2.2	2.3	2.2	2.0	2.0	1.9	2.3	1.9	2.0	2.0
Guyana	0.6	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6
Haiti	1.1	0.9	0.9	0.9	0.8	0.8	0.9	0.9	0.9	0.9



TABLE IV-2 CIGARETTE PRODUCTION BY COUNTRY, 1981-1990 - Continued

Country or Area	(In Billion Cigarettes)									
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>AMERICA (Cont'd):</b>										
Honduras	2.2	2.3	2.0	2.1	2.3	2.3 <sup>2</sup>	2.2 <sup>2</sup>	2.3	2.6	2.8
Jamaica	1.2	1.4	1.4	1.3	1.3	1.1 <sup>2</sup>	1.3	1.3	1.4	1.3
Mexico	54.7	55.0	49.3	51.7	54.3	49.9	54.6	50.5	53.9	55.4
Nicaragua	2.1	2.2	1.9	2.3	2.4 <sup>2</sup>	2.4 <sup>2</sup>	2.4 <sup>2</sup>	2.4 <sup>2</sup>	2.4 <sup>2</sup>	2.4
Panama	1.1	1.0	1.0	0.9	0.9	0.9	0.8	0.7	1.2	1.2
Paraguay	0.8	0.8	0.9	0.9	0.8	0.8	1.1	2.7	2.7	2.7
Peru	4.0	4.0	3.6	3.5	3.1	3.7	3.4	2.7	2.4	2.7
Suriname	0.4	0.4	0.5	0.5	0.5	0.6	0.5	0.5	0.5	0.4
Trinidad and Tobago <sup>1</sup>	0.9	1.1	1.1	1.1	1.0	0.9	0.6	0.8	-	1.3
United States <sup>6</sup>	736.5	694.2	667.0	668.8	655.3	652.0	678.0	676.3	677.2	701.3
Uruguay	4.2 <sup>2</sup>	3.7 <sup>2</sup>	3.8 <sup>2</sup>	3.8 <sup>2</sup>	3.1	3.6	3.4	3.4	3.9	3.9
Venezuela	19.8	19.5	20.2	20.6	19.8	18.4 <sup>2</sup>	18.1 <sup>2</sup>	18.8	18.0	17.7
<b>Total America <sup>5</sup></b>	<b>1124.9</b>	<b>1073.3</b>	<b>1035.0</b>	<b>1045.3</b>	<b>1053.0</b>	<b>1058.3</b>	<b>1075.3</b>	<b>1068.6</b>	<b>1075.0</b>	<b>1109.0</b>
<b>ASIA:</b>										
Bangladesh <sup>6</sup>	14.9	15.8	14.0	14.8	14.4	14.4	14.8	14.0	14.1	14.0
Cambodia	4.1 <sup>2</sup>	4.1 <sup>2</sup>	4.1 <sup>2</sup>	4.1 <sup>2</sup>	4.2 <sup>2</sup>	4.2 <sup>2</sup>	4.2 <sup>2</sup>	4.2 <sup>2</sup>	4.2 <sup>2</sup>	4.2
China	866.0	942.0	968.8	1066.0	1180.0	1296.5	1440.5	1545.0	1597.8	1648.8
Cyprus	3.3	3.4	2.9	2.6	2.4	1.9	3.7	4.4	3.9	4.6
Hong Kong <sup>7</sup>	5.3	5.1	6.6	8.7	12.5	11.8	15.3	24.0	20.9	21.7
India <sup>8</sup>	88.3	97.4	86.9	86.2	80.6	75.0	64.8	54.0	58.1	85.0
Indonesia	85.3	85.1	91.5	95.6	102.3	114.3	124.4	136.3	148.0	155.0
Iran, Islamic Rep of <sup>9</sup>	12.5	13.5	15.1	16.2	16.2	15.2	15.1	13.8	9.9	15.0
Iraq	7.7	7.0	7.9	7.0	7.0	10.0	13.0	20.3	27.0	27.0
Israel	6.0	6.0	6.4	6.7	6.7	6.7	6.9	5.9	5.2	5.4
Japan <sup>10</sup>	306.6	309.1	306.3	306.9	303.0	309.2	273.7	267.0	268.4	268.1
Jordan	4.7	4.6	4.5	5.0	3.9	3.7	4.4	3.7	2.9	4.1
Korea, Republic of	72.1	71.5	75.3	78.0	75.5	78.7	81.8	86.0	86.3	91.9
Lao People's Dem Rep	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2
Lebanon	0.3	0.2	0.2	0.2	1.8	1.8 <sup>2</sup>	1.8 <sup>2</sup>	1.8 <sup>2</sup>	1.8 <sup>2</sup>	1.8
Malaysia <sup>1,11</sup>	13.7	14.1	13.5	14.7	13.8	13.7	13.7	15.9	16.2	17.3
Myanmar <sup>12</sup>	2.8	3.1	2.9	2.5	3.5	1.6	0.6	1.0	0.5	-
Nepal	2.8	3.2	3.7	4.3	4.7	5.6	6.0	5.7	6.7	-
Pakistan <sup>6</sup>	35.9	38.1	38.2	40.1	38.9	39.6	39.9	40.7	31.6	32.3
Philippines <sup>6</sup>	55.1	70.6	57.8	58.6	62.3	60.7	61.1	66.9	69.7	71.5
Singapore <sup>1</sup>	3.2	3.8	3.2	3.0 <sup>2</sup>	2.4 <sup>2</sup>	2.0 <sup>2</sup>	2.3	4.7 <sup>2</sup>	6.0 <sup>2</sup>	6.9
Sri Lanka	5.2 <sup>2</sup>	5.8	5.9	5.2	6.2	6.1	5.9	5.0	5.1	5.6
Syrian Arab Rep <sup>1</sup>	9.9	10.9	13.2	11.3	12.1	12.1	9.1	7.1	6.3	6.9
Thailand	32.8	26.9	28.9	29.2	29.2	29.5	31.4	34.0	37.4	38.3
Turkey	71.7	62.3	61.5	62.1	62.0	59.7	58.6	60.2	60.9	62.4
Viet Nam	10.9	13.9	18.5	21.2	21.0	22.4	19.6	17.8	23.3	25.0
Yemen <sup>13</sup>	1.2	1.1	1.2	1.2	1.5	1.1	1.2	-	-	-
<b>Total Asia <sup>5</sup></b>	<b>1723.5</b>	<b>1819.6</b>	<b>1840.1</b>	<b>1952.4</b>	<b>2069.2</b>	<b>2198.9</b>	<b>2315.1</b>	<b>2441.6</b>	<b>2514.7</b>	<b>2622.7</b>
<b>EUROPE:</b>										
Albania	6.2 <sup>2</sup>	6.2 <sup>2</sup>	6.1 <sup>2</sup>	6.2 <sup>2</sup>	5.3	6.3 <sup>2</sup>	6.3 <sup>2</sup>	6.5 <sup>2</sup>	6.7 <sup>2</sup>	6.8
Austria	14.7	15.5	15.6	14.9	16.1	15.4	15.1	14.3	14.4	15.0
Belarus	19.2	19.3	19.3	19.5	19.8	19.9	19.8	16.0	16.0	16.4
Belgium <sup>7</sup>	28.7	30.5	29.7	29.4	30.2	28.6	29.0	28.7	27.5	25.6
Bulgaria <sup>14</sup>	88.6	88.1	91.3	92.1	94.0	89.9	90.3	89.2	85.8	75.8
Czechoslovakia	23.7	24.0	25.0	24.6	23.8	25.0	25.4	25.5	25.4	26.7
Denmark	9.7	10.4	9.8	10.6	11.0	11.2	11.2	1.1 <sup>2</sup>	1.1 <sup>2</sup>	11.2
Finland	12.7	8.5	8.4	8.3	8.2	8.5	9.1	9.6	8.9	9.0
France	62.5	62.5	62.1	60.7	67.4	59.1	54.1	53.3 <sup>2</sup>	54.2 <sup>2</sup>	53.0
Germany	190.0	172.3	183.3	188.7	190.2	194.0	185.2	188.1	188.1	206.2



TABLE IV-2 CIGARETTE PRODUCTION BY COUNTRY, 1981-1990 - Concluded

Country or Area	(In Billion Cigarettes)									
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>EUROPE: (Cont'd)</b>										
Greece	22.9 <sup>1</sup>	17.7	24.3	25.7	27.6	27.1	28.9	28.8 <sup>2</sup>	28.6 <sup>2</sup>	28.5
Hungary	27.1	26.1	25.7	26.7	26.4	26.4	26.5	26.2	26.5	28.2
Ireland	8.8	8.1	7.5	7.4	8.0	6.8	6.7	6.4	6.2	7.9
Italy <sup>1</sup>	72.2	80.6	83.7	80.5	78.8	75.5	70.4	67.4	67.9	65.0
Malta	1.2	1.3	1.1	1.1	1.3	1.3 <sup>2</sup>	1.4 <sup>2</sup>	1.4 <sup>2</sup>	1.5 <sup>2</sup>	1.5
Netherlands	39.2	43.8	46.3	47.8	51.3	53.3	59.8	61.7	68.8	78.1
Norway	0.7	0.7 <sup>2</sup>	0.8 <sup>2</sup>	0.8 <sup>2</sup>	1.1 <sup>2</sup>	1.4 <sup>2</sup>	1.4 <sup>2</sup>	1.7 <sup>2</sup>	1.7 <sup>2</sup>	1.7
Poland	83.0	87.5	82.8	86.4	90.0	94.2	98.7	89.7	81.3	91.5
Portugal <sup>1</sup>	13.6	15.0	15.5	14.8	14.9	15.2	15.5	15.6	15.2 <sup>2</sup>	15.2
Romania <sup>14</sup>	35.0	36.0	36.0	36.0	32.5	31.0	32.9	33.3	22.1	18.1
Spain	67.1	65.3	77.4	83.9	80.5	81.7	87.4	85.6	75.8	79.5
Sweden	10.3	11.1	10.4	10.4	10.1	10.2	10.1	10.4 <sup>2</sup>	10.2 <sup>2</sup>	10.0
Switzerland	27.6	26.5	25.7	25.4	23.2	23.6	24.9	27.1	28.1	31.8
Ukraine	78.6	77.9	79.7	81.1	82.0	82.1	82.4	81.7	78.4	69.4
United Kingdom <sup>1,15</sup>	108.3	100.6	93.4	93.4	88.6	83.3	89.9	87.9	104.2	112.0
USSR, Former <sup>16</sup>	365.2	359.4	369.2	373.8	381.3	383.9	378.5	358.2	343.3	313.1
Yugoslavia	63.1	58.9	58.5	56.0	57.7	55.8	56.1	60.2	51.3	58.2
<b>Total Europe <sup>5</sup></b>	<b>1382.0</b>	<b>1356.6</b>	<b>1389.8</b>	<b>1405.5</b>	<b>1419.3</b>	<b>1408.8</b>	<b>1414.6</b>	<b>1377.9</b>	<b>1344.8</b>	<b>1369.3</b>
<b>OCEANIA:</b>										
Fiji	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
New Zealand	6.2	6.3	6.2	6.3	5.8	5.5	5.4	6.3 <sup>2</sup>	6.3 <sup>2</sup>	6.3
<b>Total Oceania</b>	<b>6.8</b>	<b>6.9</b>	<b>6.7</b>	<b>6.8</b>	<b>6.3</b>	<b>5.9</b>	<b>5.9</b>	<b>6.7</b>	<b>6.8</b>	<b>6.8</b>
<b>World Total <sup>5</sup></b>	<b>4401.9</b>	<b>4428.3</b>	<b>4431.5</b>	<b>4582.4</b>	<b>4725.9</b>	<b>4847.5</b>	<b>4972.8</b>	<b>5063.2</b>	<b>5120.6</b>	<b>5291.4</b>

<sup>1</sup> Original data in units of weight. Computed on the basis of one million cigarettes per ton.

<sup>2</sup> Provisional or estimated figure.

<sup>3</sup> Twelve months ending 7 July of year stated.

<sup>4</sup> Including cut tobacco.

<sup>5</sup> Figures include estimates of data marked "n.a." in the table.

<sup>6</sup> Twelve months ending 30 June of year stated.

<sup>7</sup> Including cigarillos.

<sup>8</sup> Production by large and medium scale establishments only.

<sup>9</sup> Production by establishments employing 50 or more persons.

<sup>10</sup> Twelve months beginning 1 April of year stated.

<sup>11</sup> Beginning 1982, scope of series revised.

<sup>12</sup> Government production only.

<sup>13</sup> Former Democratic Yemen only.

<sup>14</sup> Including cigars.

<sup>15</sup> Sales by manufacturers employing 25 or more persons.

<sup>16</sup> Data include Belarus and Ukraine.

Source: United Nations, Department of International Economic and Social Affairs, Statistical Office, *Industrial Statistics Yearbook 1990* (New York: United Nations, 1993).



TABLE IV-3 PRODUCTION OF CIGARETTES PER CAPITA BY COUNTRY, 1981-1990

Country or Area	(Cigarettes per Capita)									
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>AFRICA:</b>										
Algeria	841	883	853	850	847	898	769	720	657	751
Angola	302	295	288	281	274	267	260	253	246	240
Burkina Faso	80	97	94	86	85	63	52	62	69	91
Burundi	62	54	66	73	62	53	57	65	54	70
Cameroon	167	167	204	235	209	363	395	388	373	363
Central African Rep	183	176	161	160	207	149	165	0	0	0
Chad	0	0	0	3,041	3,080	2,192	1,883	1,889	1,683	2,177
Congo	485	452	490	480	530	444	381	362	455	440
Côte d'Ivoire	434	395	391	336	403	407	411	405	390	375
Egypt	768	841	809	987	1,023	931	969	867	835	749
Ethiopia	40	53	58	48	50	57	64	61	46	44
Gabon	312	328	359	334	360	262	0	0	0	0
Ghana	146	105	90	162	153	140	129	130	144	140
Kenya	287	272	297	276	266	275	278	278	268	277
Liberia	9	10	29	58	37	41	9	9	9	8
Libyan Arab Jamahiriya	804	979	1,094	1,081	1,041	1,001	964	928	798	770
Madagascar	208	221	189	215	237	207	245	161	201	175
Malawi	104	116	118	120	121	120	121	123	135	128
Mauritius	1,140	1,017	980	1,215	1,390	1,229	1,337	1,238	1,239	1,302
Morocco	603	564	28	26	27	29	29	29	25	26
Mozambique	104	85	68	59	51	74	62	45	69	0
Nigeria	107	108	114	96	95	98	99	95	95	92
Rwanda	0	0	141	118	114	103	107	68	0	0
Senegal	409	361	393	393	455	490	271	190	470	457
Seychelles	703	813	813	1,000	862	909	1,030	910	866	1,000
Sierra Leone	532	339	276	375	324	250	286	237	297	289
South Africa	1,039	1,099	1,030	1,053	1,004	950	538	830	1,063	1,156
Sudan	57	38	66	89	124	98	95	76	31	30
Tanzania	202	237	186	190	123	122	113	116	115	0
Tunisia	604	897	863	786	872	1,085	908	917	928	933
Uganda	17	53	44	64	90	88	85	94	88	69
Zaire	115	117	120	117	114	114	111	155	151	146
Zambia	211	223	224	217	208	199	198	199	192	186
Zimbabwe	510	408	310	288	277	274	278	282	288	267
<b>Total Africa 1</b>	<b>362</b>	<b>375</b>	<b>339</b>	<b>346</b>	<b>347</b>	<b>332</b>	<b>297</b>	<b>300</b>	<b>311</b>	<b>311</b>
<b>AMERICA:</b>										
Argentina	1,015	926	957	1,031	1,025	1,045	955	1,015	1,056	1,040
Barbados	1,040	1,084	960	944	791	787	638	587	561	529
Belize	456	366	361	401	446	447	566	522	530	535
Bolivia	195	105	103	59	83	136	132	172	167	162
Brazil	1,112	1,043	996	963	1,079	1,213	1,141	1,093	1,104	1,157
Canada	2,819	2,776	2,578	2,466	2,523	2,194	2,109	2,079	1,859	1,729
Chile	812	666	655	680	664	673	653	711	747	760
Colombia	729	664	696	834	840	828	740	604	566	531
Costa Rica	1,022	815	881	856	833	736	768	749	702	678
Cuba	1,585	1,739	1,698	1,871	1,779	1,651	1,495	1,622	1,570	0
Dominica	395	0	351	342	363	358	0	0	0	0
Dominican Republic	616	604	589	590	596	634	666	699	638	654
Ecuador	506	598	562	549	512	411	464	451	439	477
El Salvador	508	491	450	523	474	424	416	386	379	373
Grenada	227	236	286	266	264	237	227	267	282	259
Guatemala	304	311	287	254	250	235	269	214	224	217



TABLE IV-3 PRODUCTION OF CIGARETTES PER CAPITA BY COUNTRY, 1981-1990 - Continued

Country or Area	(Cigarettes per Capita)									
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>AMERICA (Cont'd):</b>										
Guyana	786	556	523	475	591	607	602	593	756	754
Haiti	208	166	161	154	137	138	148	139	137	134
Honduras	565	576	494	507	529	510	473	483	522	546
Jamaica	572	646	606	557	569	487	542	552	579	526
Mexico	766	753	661	677	697	627	673	610	638	643
Nicaragua	740	745	628	733	733	709	686	663	641	620
Panama	525	490	470	427	400	392	363	289	485	476
Paraguay	233	226	268	245	226	197	289	676	657	638
Peru	223	220	193	184	160	189	169	129	116	124
Suriname	1,132	1,220	1,253	1,389	1,342	1,428	1,236	1,234	1,315	900
Trinidad and Tobago	777	974	1,008	909	838	769	481	632	0	1,019
United States	3,203	2,990	2,847	2,829	2,748	2,709	2,792	2,760	2,738	2,806
Uruguay	1,447	1,254	1,263	1,271	1,030	1,184	1,112	1,126	1,267	1,260
Venezuela	1,279	1,223	1,229	1,225	1,141	1,050	1,007	1,022	956	915
<b>Total America 1</b>	<b>1,821</b>	<b>1,707</b>	<b>1,619</b>	<b>1,609</b>	<b>1,595</b>	<b>1,578</b>	<b>1,578</b>	<b>1,543</b>	<b>1,525</b>	<b>1,550</b>
<b>ASIA:</b>										
Bangladesh	165	170	148	153	145	141	144	134	132	121
Cambodia	635	621	601	581	570	557	543	534	521	509
China	859	923	938	1,019	1,114	1,207	1,322	1,397	1,424	1,447
Cyprus	5,237	5,231	4,435	3,936	3,558	2,844	5,466	6,413	5,662	6,554
Hong Kong	1,013	972	1,230	1,608	2,290	2,140	2,727	4,225	3,628	3,741
India	128	138	121	117	107	98	83	68	72	103
Indonesia	564	550	579	592	621	679	723	776	826	864
Iran, Islamic Rep Of	307	319	342	351	338	308	295	263	183	275
Iraq	565	496	542	464	449	621	796	1,174	1,477	1,554
Israel	1,516	1,501	1,552	1,614	1,585	1,564	1,577	1,324	1,161	1,167
Japan	2,606	2,609	2,567	2,555	2,508	2,545	2,242	2,178	2,179	2,170
Jordan	1,567	1,490	1,419	1,524	1,146	1,061	1,205	980	755	1,023
Korea, Republic Of	1,863	1,819	1,886	1,930	1,851	1,911	1,968	2,049	2,035	2,144
Lao People's Dem Rep	337	330	322	314	313	325	316	307	299	290
Lebanon	105	75	75	75	675	675	676	676	673	666
Malaysia	974	969	907	961	883	851	831	939	932	976
Myanmar	80	87	80	67	91	40	14	24	12	0
Nepal	189	208	236	262	284	327	344	315	364	0
Pakistan	422	435	422	430	405	399	391	386	290	288
Philippines	1,111	1,390	1,111	1,098	1,140	1,084	1,065	1,138	1,160	1,163
Singapore	1,311	1,534	1,265	1,186	938	773	896	1,776	2,228	2,543
Sri Lanka	346	382	380	333	389	379	360	303	306	331
Syrian Arab Rep	1,105	1,170	1,375	1,135	1,181	1,141	834	622	541	566
Thailand	687	552	583	576	566	562	588	626	677	683
Turkey	1,577	1,337	1,289	1,268	1,234	1,156	1,101	1,095	1,073	1,063
Viet Nam	199	247	322	362	351	366	314	279	360	377
Yemen 2	589	570	586	570	678	517	524	0	0	0
<b>Total Asia 1</b>	<b>675</b>	<b>700</b>	<b>696</b>	<b>725</b>	<b>755</b>	<b>788</b>	<b>815</b>	<b>845</b>	<b>854</b>	<b>875</b>
<b>EUROPE:</b>										
Albania	2,276	2,230	2,149	2,140	1,809	2,089	2,048	2,071	2,094	2,092
Austria	1,941	2,052	2,070	1,974	2,125	2,030	1,990	1,886	1,891	1,938
Belarus	1,975	1,964	1,954	1,965	1,984	1,979	1,962	1,482	1,560	1,596
Belgium	2,915	3,091	3,017	2,985	3,062	2,902	2,933	2,902	2,792	2,600
Bulgaria	9,964	9,884	10,212	10,273	10,488	10,038	10,066	9,934	9,545	8,432
Czechoslovakia	1,549	1,562	1,623	1,592	1,538	1,609	1,629	1,634	1,626	1,705



TABLE IV-3 PRODUCTION OF CIGARETTES PER CAPITA BY COUNTRY, 1981-1990 - Concluded

Country or Area	(Cigarettes per Capita)									
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>EUROPE (Cont'd):</b>										
Denmark	1,886	2,023	1,925	2,070	2,144	2,196	2,177	217	218	2,173
Finland	2,648	1,759	1,725	1,709	1,670	1,736	1,837	1,945	1,799	1,800
France	1,153	1,147	1,136	1,105	1,221	1,067	973	954	966	939
Germany	2,423	2,201	2,347	2,426	2,450	2,499	2,383	2,408	2,391	2,598
Greece	2,350	1,804	2,466	2,597	2,782	2,721	2,895	2,877	2,846	2,810
Hungary	2,530	2,446	2,410	2,512	2,498	2,502	2,531	2,506	2,552	2,722
Ireland	2,565	2,338	2,149	2,094	2,270	1,927	1,879	1,815	1,753	2,241
Italy	1,277	1,422	1,473	1,411	1,379	1,320	1,228	1,173	1,181	1,127
Malta	3,755	4,022	3,439	3,411	3,869	3,779	4,070	4,107	4,131	4,167
Netherlands	2,751	3,059	3,226	3,312	3,543	3,662	4,078	4,180	4,635	5,220
Norway	180	180	192	191	261	336	334	393	402	410
Poland	2,312	2,414	2,265	2,340	2,420	2,515	2,620	2,369	2,143	2,400
Portugal	1,381	1,522	1,571	1,495	1,504	1,531	1,564	1,576	1,535	1,542
Romania	1,566	1,602	1,596	1,591	1,429	1,359	1,435	1,447	955	780
Spain	1,778	1,719	2,028	2,189	2,092	2,116	2,256	2,206	1,950	2,041
Sweden	1,234	1,332	1,251	1,250	1,208	1,218	1,203	1,232	1,197	1,165
Switzerland	4,339	4,146	4,001	3,950	3,578	3,622	3,799	4,107	4,221	4,733
Ukraine	1,565	1,545	1,577	1,598	1,611	1,607	1,606	1,584	1,516	1,338
United Kingdom	2,151	1,787	1,658	1,654	1,565	1,468	1,579	1,540	1,820	1,951
USSR, Former 1	1,365	1,332	1,355	1,360	1,375	1,371	1,338	1,255	1,197	1,085
Yugoslavia	2,808	2,603	2,565	2,437	2,493	2,397	2,397	2,553	2,164	2,444
<b>Total Europe 1</b>	<b>1,952</b>	<b>1,890</b>	<b>1,926</b>	<b>1,939</b>	<b>1,948</b>	<b>1,923</b>	<b>1,920</b>	<b>1,861</b>	<b>1,808</b>	<b>1,831</b>
<b>OCEANIA:</b>										
Fiji	875	808	793	748	736	669	646	631	672	726
New Zealand	1,981	2,007	1,937	1,944	1,776	1,684	1,646	1,899	1,887	1,867
<b>Total Oceania 1</b>	<b>1,791</b>	<b>1,799</b>	<b>1,738</b>	<b>1,734</b>	<b>1,592</b>	<b>1,502</b>	<b>1,466</b>	<b>1,666</b>	<b>1,662</b>	<b>1,663</b>
<b>World Total 1</b>	<b>1,004</b>	<b>994</b>	<b>978</b>	<b>992</b>	<b>1,006</b>	<b>1,015</b>	<b>1,024</b>	<b>1,025</b>	<b>1,019</b>	<b>1,036</b>

<sup>1</sup> Figures include rates of data marked "n.a." in the original table.

<sup>2</sup> Former Democratic Yemen only.

<sup>3</sup> Rates include Belarus and Ukraine.

Source: United Nations, Department of International Economic and Social Affairs, Statistical Office, Industrial Statistics Yearbook (New York: United Nations, 1993).



**TABLE IV-4 NUMBER OF DEATHS FROM MALIGNANT NEOPLASM OF TRACHEA, BRONCHUS AND LUNGS BY SEX AND COUNTRY, 1981-1990**

Area & Country		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>AFRICA:</b>											
Egypt	T	n.a.	564	n.a.	n.a.	n.a.	n.a.	852	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	617	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	235	n.a.	n.a.	n.a.
Mauritius	T	74	61	56	77	80	74	66	99	87	78
	M	59	48	44	61	64	58	48	73	65	59
	F	15	13	12	16	16	16	18	26	22	19
Saint Helena	T	n.a.	2	n.a.	3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Sao Tome and Principe	T	n.a.	n.a.	n.a.	n.a.	8	n.a.	3	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Seychelles	T	10	6	n.a.	n.a.	n.a.	n.a.	13 <sup>1</sup>	n.a.	n.a.	n.a.
	M	8	5	n.a.	n.a.	n.a.	n.a.	11	n.a.	n.a.	n.a.
	F	2	1	n.a.	n.a.	n.a.	n.a.	2	n.a.	n.a.	n.a.
Zimbabwe	T	n.a.	n.a.	n.a.	n.a.	n.a.	244	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
<b>AMERICA:</b>											
Argentina	T	7322	7124	7512	7300	7282	7150	7608	7636 <sup>2</sup>	7636 <sup>2</sup>	n.a.
	M	6379	6110	6467	6203	6261	6127	6520	6430	6435	n.a.
	F	943	1014	1045	1097	1021	1023	1088	1206	1201	n.a.
Bahamas	T	17	22	30	32	30 <sup>3</sup>	n.a.	34	n.a.	n.a.	n.a.
	M	16	n.a.	22	n.a.	21	n.a.	21	n.a.	n.a.	n.a.
	F	1	n.a.	8	n.a.	9	n.a.	13	n.a.	n.a.	n.a.
Barbados	T	30	24	20	26	22	24	n.a.	21	n.a.	n.a.
	M	24	16	16	22	n.a.	19	n.a.	16	n.a.	n.a.
	F	6	8	4	4	n.a.	5	n.a.	5	n.a.	n.a.
Belize	T	n.a.	6	4	11	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	4	2	9	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	2	2	2	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Bermuda	T	18	n.a.	5	12	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	8	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	4	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Brazil	T	n.a.	n.a.	7654	7902 <sup>4</sup>	8210 <sup>4</sup>	8690 <sup>4</sup>	9081	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	6068	6245	6635	6780	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	1834	1965	2055	2301	n.a.	n.a.	n.a.
British Virgin Islands	T	1	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	1	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	-	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Canada	T	9317	10147	10515	11246	11442	11833	12281	13104	13446	13704
	M	7147	7724	7978	8354	8278	8559	8733	9239	9469	9536
	F	2170	2423	2537	2892	3164	3274	3548	3865	3977	4168
Cayman Islands	T	n.a.	1	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	1	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	-	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.



**TABLE IV-4 NUMBER OF DEATHS FROM MALIGNANT NEOPLASM OF TRACHEA, BRONCHUS AND LUNGS BY SEX AND COUNTRY, 1981-1990 - Continued**

Area & Country		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>AMERICA (Cont'd):</b>											
Chile	T	1060	1161	1198	1202	1299	1261	1266	1308 <sup>2</sup>	1367 <sup>2</sup>	n.a.
	M	794	882	906	895	972	920	918	966	987	n.a.
	F	266	279	292	307	327	341	348	342	380	n.a.
Colombia	T	n.a.	n.a.	n.a.	1483	1672	1726	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	976	1088	1140	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	507	584	586	n.a.	n.a.	n.a.	n.a.
Costa Rica	T	148	153	146	167	169	147	178	186	197 <sup>2</sup>	n.a.
	M	100	102	108	122	118	99	119	139	126	n.a.
	F	48	51	38	45	51	48	59	47	71	n.a.
Cuba	T	2508	2565	2655	2828	2799	2922	2960	3135	3111 <sup>2</sup>	3155 <sup>2</sup>
	M	1927	1937	1976	2111	2085	2179	2190	2313	2260	2294
	F	581	628	679	717	714	743	770	822	851	861
Dominica	T	-	1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	-	1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	-	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dominican Republic	T	n.a.	136	n.a.	163	142	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	95	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	41	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Ecuador	T	114	212	n.a.	236	259	251	263	270	287	307
	M	n.a.	138	n.a.	157	187	167	180	183	187	218
	F	n.a.	74	n.a.	79	72	84	83	87	100	89
El Salvador	T	49	41	46	38	n.a.	n.a.	n.a.	n.a.	n.a.	85
	M	25	22	25	23	n.a.	n.a.	n.a.	n.a.	n.a.	54
	F	24	19	21	15	n.a.	n.a.	n.a.	n.a.	n.a.	31
Guatemala	T	56	n.a.	n.a.	60	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	39	n.a.	n.a.	16	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	17	n.a.	n.a.	44	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Guyana	T	n.a.	n.a.	n.a.	15	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	12	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Honduras	T	10	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	6	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	4	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Jamaica	T	n.a.	n.a.	195	222	211 <sup>2</sup>	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	159	174	163	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	36	48	48	n.a.	n.a.	n.a.	n.a.	n.a.
Martinique	T	26	14	n.a.	n.a.	25	n.a.	31	n.a.	n.a.	n.a.
	M	22	9	n.a.	n.a.	15	n.a.	n.a.	n.a.	n.a.	n.a.
	F	4	5	n.a.	n.a.	10	n.a.	n.a.	n.a.	n.a.	n.a.
Mexico	T	3152	3283	3632	n.a.	4209	4412 <sup>2</sup>	4641 <sup>2</sup>	4818 <sup>2</sup>	5101 <sup>2</sup>	5054
	M	2158	2306	2476	n.a.	2884	3009	3220	3345	3612	3484
	F	994	977	1156	n.a.	1325	1403	1421	1473	1489	1570
Netherlands Antilles	T	24	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	21	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.



**TABLE IV-4 NUMBER OF DEATHS FROM MALIGNANT NEOPLASM OF TRACHEA, BRONCHUS AND LUNGS BY SEX AND COUNTRY, 1981-1990 - Continued**

Area & Country		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>AMERICA: (Cont'd)</b>											
Nicaragua	T	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	70
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	48
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	22
Panama	T	96	119	122	127	122	152	143	137	156	n.a.
	M	77	92	97	98	94	120	104	111	121	n.a.
	F	19	27	25	29	28	32	39	26	35	n.a.
Paraguay	T	59	61	74	74	82 <sup>4</sup>	90 <sup>4</sup>	92 <sup>4</sup>	n.a.	n.a.	n.a.
	M	n.a.	51	57	52	66	75	75	n.a.	n.a.	n.a.
	F	n.a.	10	17	22	16	15	17	n.a.	n.a.	n.a.
Peru	T	476	489	404	n.a.	n.a.	714	n.a.	n.a.	610	n.a.
	M	310	347	272	n.a.	n.a.	485	n.a.	n.a.	429	n.a.
	F	166	142	132	n.a.	n.a.	229	n.a.	n.a.	181	n.a.
Puerto Rico	T	358	395	380	407	433	474	429	494	532	500 <sup>2</sup>
	M	n.a.	281	257	285	296	346	285	341	387	336
	F	n.a.	114	123	122	137	128	144	153	145	164
St Kitts & Nevis	T	5	2	1	3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	3	1	1	2	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	2	1	-	1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
St Lucia	T	6	n.a.	n.a.	n.a.	n.a.	n.a.	6 <sup>5</sup>	n.a.	n.a.	n.a.
	M	2	n.a.	n.a.	n.a.	n.a.	n.a.	4	n.a.	n.a.	n.a.
	F	4	n.a.	n.a.	n.a.	n.a.	n.a.	2	n.a.	n.a.	n.a.
St Vincent/ Grenadines	T	n.a.	n.a.	2	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	2	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Suriname	T	13	24	n.a.	19	14	13	17	n.a.	n.a.	n.a.
	M	8	19	n.a.	16	7	12	13	n.a.	n.a.	n.a.
	F	5	5	n.a.	3	7	1	4	n.a.	n.a.	n.a.
Trinidad and Tobago	T	53	76	74	82	78 <sup>2</sup>	97	100	107	86 <sup>2</sup>	n.a.
	M	39	61	61	62	61	72	82	89	68	n.a.
	F	14	15	13	20	17	25	18	18	18	n.a.
United States	T	106561	111393	115023	118730	122556	125522	130009	133284	137150	n.a.
	M	76764	79228	80338	82491	83854	85057	87261	88059	89052	n.a.
	F	29797	32165	34685	36239	38702	40465	42748	45225	48098	n.a.
Uruguay	T	n.a.	1043	1073	1081	1073	1133	1166	1183	1128	1197
	M	n.a.	952	971	986	984	1034	1057	1077	1006	1092
	F	n.a.	91	102	95	89	99	109	106	122	105
Venezuela	T	879	n.a.	1012	n.a.	1025	1008	1194	1264 <sup>2</sup>	1250 <sup>2</sup>	n.a.
	M	589	n.a.	683	n.a.	675	681	794	834	799	n.a.
	F	290	n.a.	329	n.a.	350	327	400	430	451	n.a.
<b>ASIA:</b>											
Bahrain	T	n.a.	n.a.	n.a.	n.a.	44	n.a.	41	46	n.a.	n.a.
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	34	36	n.a.	n.a.
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	7	10	n.a.	n.a.
Brunei - Darussalam	T	n.a.	n.a.	15	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	8	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	7	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.



**TABLE IV-4 NUMBER OF DEATHS FROM MALIGNANT NEOPLASM OF TRACHEA, BRONCHUS AND LUNGS BY SEX AND COUNTRY, 1981-1990 - Continued**

Area & Country		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>ASIA (Cont'd):</b>											
China	T	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	21687 <sup>6</sup>	20959 <sup>6</sup>	26501 <sup>6</sup>	n.a.
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	14731	13995	18346	n.a.
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	6956	6964	8155	n.a.
Hong Kong	T	1826	1957	2011	2128	2223	2348	2465	2361	2592	n.a.
	M	1200	n.a.	n.a.	1393	1457	1537	1609	1500	1731	n.a.
	F	626	n.a.	n.a.	735	766	811	856	861	861	n.a.
Israel	T	630	675	682	710	745	733	721	741	811	n.a.
	M	451	502	496	515	550	522	514	524	587	n.a.
	F	179	173	186	195	195	211	207	217	224	n.a.
Japan	T	22799	24216	25651	27356	28590	29535	31729	33388	35477	36486
	M	16638	17555	18644	19877	20837	21447	23132	24333	25870	26872
	F	6161	6661	7007	7479	7753	8088	8597	9055	9607	9614
Korea, Republic of	T	n.a.	n.a.	n.a.	n.a.	2913	3270	3578	4103	4590	n.a.
	M	n.a.	n.a.	n.a.	n.a.	2166	2425	2698	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	n.a.	747	845	880	n.a.	n.a.	n.a.
Kuwait	T	50	87	75	n.a.	70	63	67	n.a.	n.a.	n.a.
	M	38	70	62	n.a.	58	48	55	n.a.	n.a.	n.a.
	F	12	17	13	n.a.	12	15	12	n.a.	n.a.	n.a.
Macau	T	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	79	n.a.	n.a.	82
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Qatar	T	n.a.	12	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	9	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Singapore	T	626	n.a.	674	663	695	692	781	665	816	737
	M	459	n.a.	496	482	496	476	568	459	580	525
	F	167	n.a.	178	181	199	216	213	206	236	212
Sri Lanka	T	109	n.a.	144	140	153	199	n.a.	n.a.	n.a.	n.a.
	M	84	n.a.	109	107	111	165	n.a.	n.a.	n.a.	n.a.
	F	25	n.a.	35	33	42	34	n.a.	n.a.	n.a.	n.a.
Syrian Arab Rep	T	63	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	47	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	16	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Thailand	T	1051	1239	1189	1098	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	768	n.a.	n.a.	770	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	283	n.a.	n.a.	328	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Turkey	T	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	3860 <sup>4</sup>	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	3192	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	668	n.a.	n.a.	n.a.
<b>EUROPE:</b>											
Austria	T	3175	3148	3167	3330	3153	3073	3160	3169	3133	3179
	M	2540	2474	2518	2584	2461	2418	2420	2400	2416	2427
	F	635	674	649	746	692	655	740	769	717	752
Belgium	T	6295	6184	6488	6411	n.a.	6516	6458	n.a.	n.a.	n.a.
	M	n.a.	5579	5880	5795	n.a.	5780	5746	n.a.	n.a.	n.a.
	F	n.a.	605	608	616	n.a.	736	712	n.a.	n.a.	n.a.



**TABLE IV-4 NUMBER OF DEATHS FROM MALIGNANT NEOPLASM OF TRACHEA, BRONCHUS AND LUNGS BY SEX AND COUNTRY, 1981-1990 - Continued**

Area & Country		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>EUROPE (Cont'd):</b>											
Bulgaria	T	2668	2735	2905	2970	2990	3049	3100	3034	3091	3031
	M	2258	2362	2452	2480	2484	2568	2612	2567	2634	2583
	F	410	373	453	490	506	481	488	467	457	448
Czechoslovakia	T	7371	7371	7585	7716	7681	7920	7910	7938	7887	8034
	M	6516	6529	6661	6749	6723	6900	6855	6917	6789	6909
	F	855	842	924	967	958	1020	1055	1021	1098	1125
Denmark	T	2862	2879	3100	3149	3147	3128	3249	3282	3238	3298
	M	2168	2170	2215	2222	2266	2220	2206	2193	2230	2180
	F	694	709	885	927	881	908	1043	1089	1008	1118
Finland	T	2098	1942	2052	2004	2078	1943	1970	1928	1851	1945
	M	1846	1688	1810	1722	1758	1646	1666	1610	1523	1599
	F	252	254	242	282	320	297	304	318	328	346
France	T	17705	18045	18293	18853	19401	19839	20639	21158	21607	21617
	M	15635	15915	16058	16629	17042	17393	17947	18403	18754	18805
	F	2070	2130	2235	2224	2359	2446	2692	2755	2853	2812
Germany	T	25090 <sup>7</sup>	31446	32095	32067	32441	32294	32831	33408	33835	34218
	M	21068	26379	26753	26543	26922	26391	26643	27164	27231	27423
	F	4022	5067	5342	5524	5519	5903	6188	6244	6604	6795
Italy	T	24036	25013	25833	26268	27311	27421	28790	29442	29451	n.a.
	M	20870	21767	22398	22716	23597	23448	24784	25256	25138	n.a.
	F	3166	3246	3435	3552	3714	3973	4006	4186	4313	n.a.
Gibraltar	T	2	8	8	11	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	11	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Greece	T	3643	3817	3955	4010	4315	4269	4339	4456	4671	4748
	M	3147	3278	3416	3459	3683	3682	3745	3816	4030	4034
	F	496	539	539	551	632	587	594	640	641	714
Hungary	T	5360	5572	5689	5864	5836	6300	6526	6397	6542	6908
	M	4397	4534	4600	4760	4721	5082	5224	5090	5145	5416
	F	963	1038	1089	1104	1115	1218	1302	1307	1397	1492
Iceland	T	72	73	66	54	68	65	78	90	83	82
	M	40	38	35	28	42	34	43	44	42	47
	F	32	35	31	26	26	31	35	46	41	35
Ireland	T	1424	1332	1484	1541	1542	1554	1434	1546	1594	1529
	M	1046	954	1046	1096	1112	1118	1015	1060	1054	1044
	F	378	378	438	445	430	436	419	486	540	485
Isle of Man	T	48	n.a.	58	50	52	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	33	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	17	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Luxembourg	T	200	193	204	213	210	210	205	221	200	193
	M	181	180	182	178	175	190	175	193	165	162
	F	19	13	22	35	35	20	30	28	35	31
Malta	T	90	86	95	90	98	107	99	84	106	99
	M	77	73	81	78	92	95	94	72	96	90
	F	13	13	14	12	6	12	5	12	10	9



**TABLE IV-4 NUMBER OF DEATHS FROM MALIGNANT NEOPLASM OF TRACHEA, BRONCHUS AND LUNGS BY SEX AND COUNTRY, 1981-1990 - Continued**

Area & Country		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>EUROPE (Cont'd):</b>											
Monaco	T	32	27	29	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	23	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	6	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Netherlands	T	7785	7947	7904	8239	8294	8546	8474	8707	8550	8241
	M	7063	7190	7104	7324	7366	7536	7437	7566	7318	7011
	F	722	757	800	915	928	1010	1037	1141	1232	1230
Norway	T	1152	1163	1148	1228	1313	1360	1362	1416	1402	1440
	M	946	920	899	947	987	1032	1035	1049	1008	1029
	F	206	243	249	281	326	328	327	367	394	411
Poland	T	12356	12638	13667	14391	14824	15242	15589	16330	16647	17344
	M	10586	10726	11666	12229	12619	12932	13181	13791	14034	14539
	F	1770	1912	2001	2162	2205	2310	2408	2539	2613	2805
Portugal	T	1434	1559	1609	1701	1871	1953	2074	2042	2034	2241
	M	1146	1232	1309	1407	1548	1600	1727	1671	1654	1825
	F	288	327	300	294	323	353	347	371	380	416
Romania	T	4937	5004	5148	5353	5650	6031	6104	6418 <sup>2</sup>	6439	6512
	M	4043	4134	4242	4435	4712	5044	5116	5417	5358	5397
	F	894	870	906	918	938	987	988	1001	1081	1115
Spain	T	9486	9828	10328	10935	11349	11650	12508	13153	13627	n.a.
	M	8329	8664	9074	9771	10085	10376	11197	11932	12365	n.a.
	F	1157	1164	1254	1164	1264	1274	1311	1221	1262	n.a.
Sweden	T	2431	2423	2458	2615	2585	2551	2653	2718	2631	n.a.
	M	1777	1770	1810	1904	1879	1811	1856	1874	1774	n.a.
	F	654	653	648	711	706	740	797	844	857	n.a.
Switzerland	T	2466	2589	2672	2582	2712	2739	2645	2673	2658	2733
	M	2161	2229	2307	2227	2321	2334	2219	2256	2221	2242
	F	305	360	365	355	391	405	426	417	437	491
United Kingdom	T	39530	38948 <sup>8</sup>	40441	40752	40860	40139	40187	40223	39646	39269
	M	29805	28879	30019	29562	29543	28627	28292	27968	27239	26924
	F	9725	10069	10422	11190	11317	11512	11895	12255	12407	12345
USSR, Former	T	n.a.	n.a.	n.a.	n.a.	n.a.	89084	93138	97711	100882	103035
	M	n.a.	n.a.	n.a.	n.a.	n.a.	73959	77440	81426	84407	86345
	F	n.a.	n.a.	n.a.	n.a.	n.a.	15125	15698	16285	16475	16690
Yugoslavia	T	5723	5931	6129	6369	6688	6958	7279	7655	7798	8202
	M	4811	4890	5119	5279	5566	5670	6027	6446	6516	6898
	F	912	1041	1010	1090	1122	1288	1252	1209	1282	1304
<b>OCEANIA:</b>											
Australia	T	5074	5337	5405	5391	5730	5702	5752	6169	n.a.	n.a.
	M	4134	4266	4233	4226	4470	4351	4456	4631	n.a.	n.a.
	F	940	1071	1172	1165	1260	1351	1296	1538	n.a.	n.a.
Guam	T	17	16	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	12	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	4	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
New Zealand	T	1187	1142	1239	1282	1197	1278	1346	1287	1307	n.a.
	M	889	844	948	975	866	949	950	892	896	n.a.
	F	298	298	291	307	331	329	396	395	411	n.a.



**TABLE IV-4    NUMBER OF DEATHS FROM MALIGNANT NEOPLASM OF TRACHEA, BRONCHUS  
AND LUNGS BY SEX AND COUNTRY, 1981-1990 - Concluded**

- <sup>1</sup> Estimated figures, based on the average of deaths over the period 1985-1987, prepared by the United Nations Population Division.
- <sup>2</sup> Provisional statistics prepared by the United Nations Population Division.
- <sup>3</sup> Estimated figures, based on the average of deaths over the period 1984-1985, prepared by the United Nations Population Division.
- <sup>4</sup> Reporting areas only.
- <sup>5</sup> Average of deaths over the period 1986-1988.
- <sup>6</sup> Selected urban and rural areas only. They are almost entirely located in the eastern half of the country where the majority of the population is to be found.
- <sup>7</sup> Former Federal Republic of Germany only.
- <sup>8</sup> Data exclude Northern Ireland.

Source: World Health Organization, World Health Statistics Annual 1983 to 1992, (Geneva: World Health Organization, annual editions)



**TABLE IV-5 DEATH RATES PER 100,000 POPULATION FROM MALIGNANT NEOPLASM OF TRACHEA, BRONCHUS AND LUNGS BY COUNTRY, 1981-1990**

Area & Country	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>AFRICA:</b>										
Egypt	n.a.	1.32	n.a.	n.a.	n.a.	n.a.	1.74	n.a.	n.a.	n.a.
Mauritius	7.63	6.14	5.59	7.47	7.84	7.18	6.34	9.40	8.18	7.26
Saint Helena	n.a.	40.00	n.a.	50.00	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Sao Tome & Principe	n.a.	n.a.	n.a.	n.a.	7.41	n.a.	2.68	n.a.	n.a.	n.a.
Seychelles	15.63	9.38	n.a.	n.a.	n.a.	n.a.	19.70	n.a.	n.a.	n.a.
Zimbabwe	n.a.	n.a.	n.a.	n.a.	n.a.	2.90	n.a.	n.a.	n.a.	n.a.
<b>AMERICA:</b>										
Argentina	25.52	24.49	25.46	24.40	24.01	23.26	24.43	24.22	23.92	n.a.
Bahamas	7.94	10.05	13.39	13.97	12.93	n.a.	14.17	n.a.	n.a.	n.a.
Barbados	12.00	9.60	7.97	10.32	8.70	9.49	n.a.	8.27	n.a.	n.a.
Belize	n.a.	3.92	2.53	6.79	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Bermuda	33.33	n.a.	9.09	21.43	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Brazil	n.a.	n.a.	5.90	5.96	6.06	6.27	6.42	n.a.	n.a.	n.a.
British Virgin Islands	9.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Canada	38.27	41.28	42.42	45.02	45.47	46.67	47.94	50.57	51.24	51.51
Cayman Islands	n.a.	5.26	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Chile	9.36	10.08	10.22	10.08	10.72	10.23	10.10	10.26	10.55	n.a.
Colombia	n.a.	n.a.	n.a.	5.29	5.84	5.91	n.a.	n.a.	n.a.	n.a.
Costa Rica	6.52	6.31	5.85	6.50	6.40	5.41	6.40	6.52	6.74	n.a.
Cuba	25.79	26.17	26.83	28.30	27.72	28.65	28.74	30.11	29.56	29.67
Dominica	n.a.	1.32	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dominican Republic	n.a.	2.27	n.a.	2.60	2.21	n.a.	n.a.	n.a.	n.a.	n.a.
Ecuador	1.36	2.46	n.a.	2.59	2.76	2.60	2.65	2.65	2.74	3.18
El Salvador	1.07	0.88	0.97	0.79	n.a.	n.a.	n.a.	n.a.	n.a.	1.62
Guatemala	0.79	n.a.	n.a.	0.78	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Guyana	n.a.	n.a.	n.a.	1.91	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Honduras	0.26	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Jamaica	n.a.	n.a.	8.70	9.74	9.13	n.a.	n.a.	n.a.	n.a.	n.a.
Martinique	7.98	4.26	n.a.	n.a.	7.42	n.a.	8.99	n.a.	n.a.	n.a.
Mexico	4.42	4.50	4.86	n.a.	5.40	5.55	5.72	5.82	6.04	5.87
Netherlands Antilles	12.63	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Nicaragua	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	1.81
Panama	4.80	5.82	5.84	5.95	5.60	6.83	6.29	5.90	6.58	n.a.
Paraguay	1.82	1.82	2.13	2.07	2.22	2.36	2.35	n.a.	n.a.	n.a.
Peru	2.68	2.70	2.18	n.a.	n.a.	3.60	n.a.	n.a.	2.89	n.a.
Puerto Rico	11.03	12.11	11.64	12.45	13.19	14.31	12.52	14.28	15.23	13.89
St Kitts & Nevis	11.36	4.44	2.17	6.67	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
St Lucia	4.76	n.a.	n.a.	n.a.	n.a.	n.a.	4.23	n.a.	n.a.	n.a.
St Vincent/Grenadines	n.a.	n.a.	1.87	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Suriname	3.66	6.59	n.a.	5.07	3.66	3.33	4.27	n.a.	n.a.	n.a.
Trinidad & Tobago	4.77	6.81	6.50	7.01	6.62	8.11	8.25	8.83	7.09	n.a.
United States	46.32	47.97	49.09	50.23	51.39	52.15	53.54	54.39	55.45	n.a.
Uruguay	n.a.	35.34	36.13	36.17	35.67	37.45	38.33	38.66	36.66	38.66
Venezuela	5.68	n.a.	6.17	n.a.	5.92	5.75	6.64	6.86	6.62	n.a.
<b>ASIA:</b>										
Bahrain	n.a.	n.a.	n.a.	n.a.	10.35	n.a.	8.95	9.73	n.a.	n.a.
Brunei - Darussalam	n.a.	n.a.	7.21	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
China	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	1.99	1.90	2.36	n.a.
Hong Kong	35.23	37.17	37.62	39.42	40.74	42.44	43.92	41.56	44.99	n.a.
Israel	15.96	16.76	16.61	17.07	17.60	17.05	16.50	16.68	17.95	n.a.



**TABLE IV-5 DEATH RATES PER 100,000 POPULATION FROM MALIGNANT NEOPLASM OF TRACHEA, BRONCHUS AND LUNGS BY COUNTRY, 1981-1990 - Concluded**

Area & Country	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>ASIA (Cont'd):</b>										
Japan	19.38	20.44	21.50	22.78	23.66	24.31	25.99	27.23	28.80	29.53
Korea, Republic Of	n.a.	n.a.	n.a.	n.a.	7.14	7.94	8.61	9.77	10.83	n.a.
Kuwait	3.49	5.81	4.79	n.a.	4.09	3.52	3.58	n.a.	n.a.	n.a.
Macao	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	18.41	n.a.	n.a.	17.12
Qatar	n.a.	4.69	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Singapore	25.62	n.a.	26.94	26.22	27.17	26.76	29.89	25.12	30.39	27.25
Sri Lanka	0.73	n.a.	0.93	0.90	0.97	1.23	n.a.	n.a.	n.a.	n.a.
Syrian Arab Rep	0.70	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Thailand	2.21	2.54	2.39	2.17	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Turkey	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	7.25	n.a.	n.a.	n.a.
<b>EUROPE:</b>										
Austria	41.97	41.58	41.96	44.09	41.73	40.62	41.73	41.72	41.13	41.19
Belgium	63.90	62.74	65.83	65.05	n.a.	66.07	65.43	n.a.	n.a.	n.a.
Bulgaria	30.01	30.67	32.49	33.14	33.37	34.04	34.56	33.78	34.39	33.71
Czechoslovakia	48.11	47.96	49.21	49.92	49.56	50.98	50.80	50.86	50.43	51.30
Denmark	55.88	56.25	60.62	61.60	61.54	61.08	63.37	63.98	63.08	64.16
Finland	43.71	40.23	42.26	41.05	42.39	39.51	39.94	38.98	37.29	39.01
France	32.68	33.12	33.43	34.31	35.17	35.81	37.10	37.86	38.47	38.30
Germany	32.00	40.17	41.10	41.22	41.80	41.60	42.24	42.77	43.00	43.11
Gibraltar	6.67	27.59	27.59	37.93	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Greece	37.44	38.99	40.16	40.52	43.44	42.84	43.46	44.54	46.56	46.90
Hungary	50.04	52.16	53.39	55.22	55.17	59.81	62.24	61.26	62.92	66.65
Iceland	31.17	31.20	27.85	22.59	28.22	26.75	31.71	36.00	32.81	32.16
Ireland	41.40	38.28	42.35	43.67	43.56	43.89	40.47	43.70	45.35	43.65
Isle of Man	75.00	n.a.	90.63	78.13	82.54	n.a.	n.a.	n.a.	n.a.	n.a.
Italy	42.54	44.16	45.45	46.08	47.80	47.90	50.20	51.26	51.18	n.a.
Luxembourg	54.79	52.73	55.74	58.20	57.22	57.07	55.26	59.25	53.05	50.66
Malta	26.95	26.46	28.96	27.19	29.17	31.10	28.78	24.21	30.20	27.97
Monaco	123.08	103.85	107.41	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Netherlands	54.65	55.53	55.03	57.14	57.26	58.68	57.78	59.00	57.58	55.12
Norway	28.10	28.26	27.81	29.66	31.62	32.64	32.53	33.64	33.17	33.95
Poland	34.42	34.89	37.37	38.99	39.85	40.69	41.39	43.13	43.85	45.50
Portugal	14.55	15.80	16.28	17.19	18.89	19.72	20.95	20.64	20.58	22.71
Romania	22.09	22.26	22.83	23.66	24.86	26.43	26.61	27.84	27.81	28.06
Spain	25.12	25.88	27.06	28.53	29.50	30.18	32.31	33.89	35.04	n.a.
Sweden	29.22	29.11	29.51	31.37	30.96	30.48	31.59	32.22	30.98	n.a.
Switzerland	38.81	40.51	41.63	40.08	41.92	42.11	40.41	40.54	39.99	40.72
United Kingdom	78.51	69.17	71.77	72.18	72.17	70.71	70.59	70.49	69.27	68.40
USSR, Former	n.a.	n.a.	n.a.	n.a.	n.a.	31.81	32.93	34.23	35.18	35.70
Yugoslavia	25.47	26.19	26.88	27.73	28.92	29.90	31.08	32.48	32.91	34.45
<b>OCEANIA</b>										
Australia	34.00	35.16	35.15	34.66	36.29	35.60	35.37	37.30	n.a.	n.a.
Guam	15.45	14.41	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
New Zealand	37.98	36.19	38.73	39.73	36.86	39.35	41.04	39.09	39.46	n.a.

Sources: United Nations, Department of International Economic and Social Affairs, Statistical Office, Demographic Yearbook 1983 to 1991. (New York: United Nations, annual editions); World Health Organization, World Health Statistics Annual 1983 to 1992. (Geneva: World Health Organization, annual editions)



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## CHAPTER V

# COFFEE AND TEA

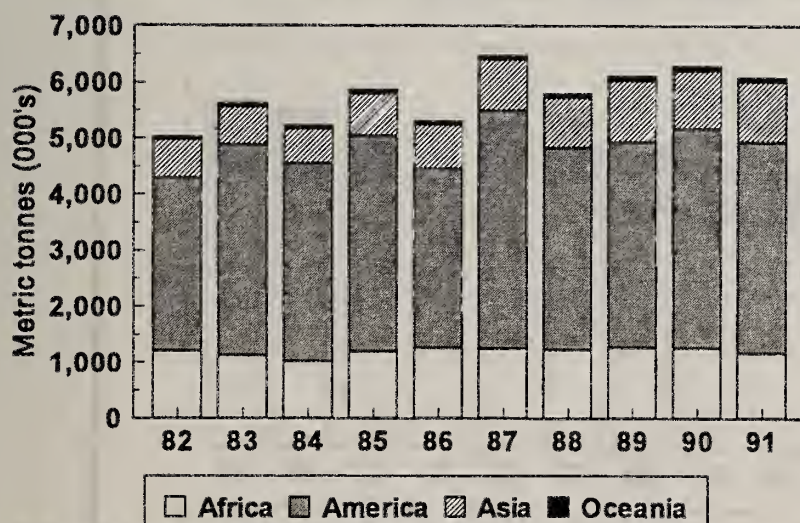
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### *Coffee Production and Consumption*

In 1991, the global production of coffee fell 3% to 6.1 million metric tonnes. Only four regions of the world are involved in the production of coffee. America, mainly south, contributed 61.9% of the world production in 1991, followed by Africa (19.1%), Asia (18.0%), and Oceania (1.0%).

Between 1982 and 1991, coffee production fluctuated between a low of 5.0 million metric tonnes in 1982 to a high of 6.5 million metric tonnes in 1987 (Table V-1; Figure V-1). On average, coffee production has increased at an annual rate of 2.7% a year since 1982.

**Figure V-1: World Coffee Production, 1982-1991**



Source: United Nations Statistical Yearbook

- 6.1 million metric tonnes of coffee were produced in 1991
- South America produces 62% of the world's coffee
- Northern Europeans are the leading consumers of coffee.
- Consumption in Finland was 11.58 kg/person
- In 1991 2.6 million metric tonnes of tea were produced
- 80% of tea production occurs in Asia

Much of the world supply of coffee is from South America, which typically accounted for 62% of the world tobacco production. Between 1982 and 1991, South American production increased at an average rate of 3.4% per year. Brazil and Colombia, with a combined output of 2.4 million metric



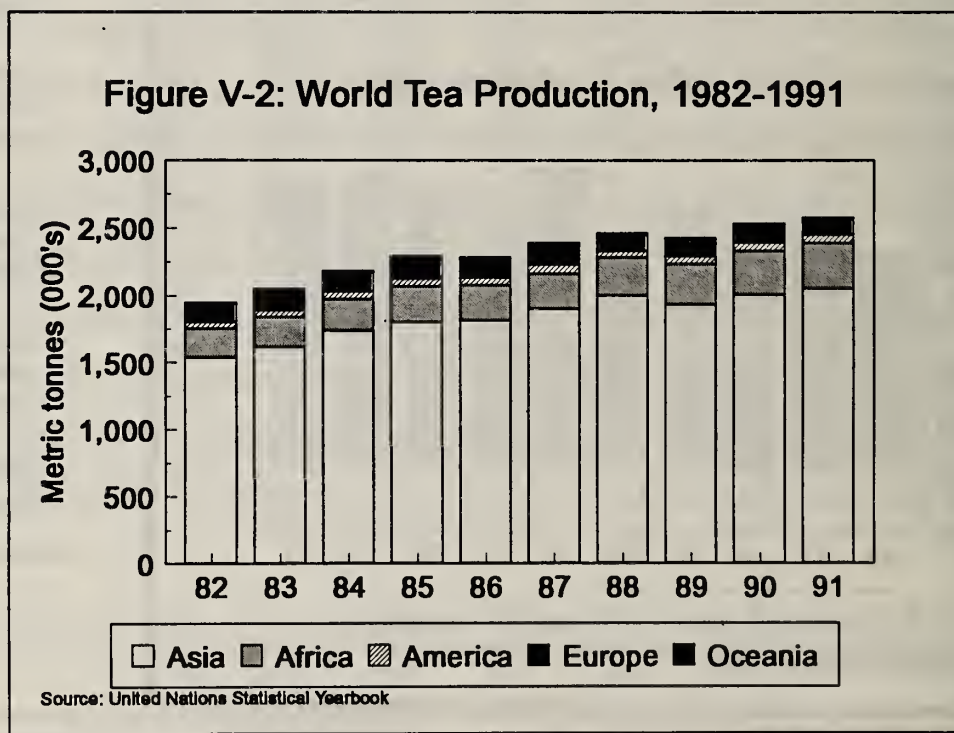
tonnes in 1991, typically represented well over half of all output from South America.

Although only accounting for 18% (1.1 million metric tonnes) of world production, the production of coffee in Asia has grown at an average annual rate of 5.6% during this period. Indonesia was the largest producer in the region, accounting for 37.2% or 408.0 thousand metric tonnes in 1991. In addition, Viet Nam, the second largest Asian producer, had the fastest growth rate in the region and in the world. In 1982, it produced only 25.0 thousand metric tonnes. Within ten years, its production rose to 285.0 thousand metric tonnes, a 1,040% increase.

Consumption of coffee appears to have peaked in the early to mid-eighties for most countries. North America, Canada and the United States were moderate consumers with an average yearly consumption of 4.5 kilograms per capita from 1982 to 1991 (Table V-2). Heavy coffee drinkers were concentrated in northern Europe, where consumption was highest in Finland (11.6 kg/person), Sweden (11.1), Denmark (10.6) and Norway (10.4).

### ***Tea Production***

World production of tea grew at an annual rate of 3% on average for the period between 1982 and 1991. Output ranged from 1.9 million metric tonnes in 1982 to 2.6 million metric tonnes in 1991 (Table V-3; Figure V-2).



Approximately 80% of tea production came from Asia. China and India were the major producers, accounting for more than two-thirds of the total output from the region (50% of world production).



## ***EXPLANATORY NOTES***

### **Table V-1: Coffee**

Production figures relate to green beans only. Data for a few countries reporting in terms of cherries or parchment coffee have been converted into clean coffee by the FAO using appropriate conversion factors.

### **Table V-2: Coffee Consumption**

Data are shown for important members of the International Coffee Organization only. These account for about 90% of world consumption of coffee. The figures represent residuals covering all forms of coffee, measured by deducting re-exports from imports and adjusting the resultant figures for changes in the levels of known inventories. Computations are made by the Statistical Division of the United Nations.

### **Table V-3: Tea**

Production figures relate to crops made into tea. Data exclude the crop consumed fresh as a vegetable.

## ***REFERENCES***

United Nations, Department of Economic and Social Information and Policy Analysis, Statistical Division, Statistical Yearbook 1982, 1983/84, 1985/86, 1987, Thirty-seventh issue, 1988/89 and Thirty-eighth issue, 1990/91 (New York: United Nations, annual editions).



TABLE V-1 COFFEE PRODUCTION BY COUNTRY, 1982-1991

Area & Country	(In thousand metric tonnes)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>AFRICA:</b>										
Angola	17.4 <sup>1</sup>	13.0 <sup>1</sup>	15.0 <sup>1</sup>	12.0 <sup>1</sup>	14.8	8.7	8.2	5.0 <sup>1</sup>	5.0 <sup>2</sup>	5.5 <sup>2</sup>
Benin	1.6 <sup>2</sup>	1.0 <sup>2</sup>	3.0 <sup>1</sup>	0.7 <sup>1</sup>	1.1 <sup>1</sup>	1.9 <sup>1</sup>	2.7 <sup>1</sup>	0.9 <sup>1</sup>	0.8 <sup>1</sup>	1.0 <sup>2</sup>
Burundi	20.3	36.0	27.0	32.5	31.8	37.3	35.3	32.5	34.0	38.0
Cameroon	128.2	63.7	137.9	96.1	132.0	96.0	138.0	86.4 <sup>1</sup>	101.9	58.0 <sup>1</sup>
Cape Verde	n.a.	n.a.	n.a.	..	0.1	..	0.1	..	.. <sup>2</sup>	n.a.
Central African Rep.	17.0	15.4 <sup>2</sup>	18.4	13.3	20.1	21.3	24.5	20.8	16.0 <sup>1</sup>	17.0 <sup>2</sup>
Comoros <sup>2</sup>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Congo	1.9 <sup>1</sup>	3.4 <sup>1</sup>	2.0 <sup>1</sup>	3.5 <sup>1</sup>	1.4	1.0	1.3	1.3	1.0 <sup>1</sup>	1.0 <sup>1</sup>
Côte d'Ivoire	247.7	270.6	85.2	277.1	265.2	270.1	186.7	239.3	284.0 <sup>1</sup>	240.0 <sup>1</sup>
Equatorial Guinea <sup>2</sup>	6.7	6.7	6.8	7.0	7.0	7.0	7.0	7.0	7.0	7.0
Ethiopia	202.0	157.8	145.3	155.2	186.0	186.0	190.0	200.0	206.3 <sup>1</sup>	168.0 <sup>1</sup>
Gabon	1.9	1.4	1.2 <sup>2</sup>	1.3	1.3	1.7	1.8	1.8 <sup>2</sup>	1.8 <sup>2</sup>	1.8 <sup>2</sup>
Ghana	1.5 <sup>1</sup>	1.3 <sup>1</sup>	0.7 <sup>1</sup>	0.5 <sup>1</sup>	0.5	0.8	0.4	0.7 <sup>1</sup>	1.0 <sup>1</sup>	1.3 <sup>1</sup>
Guinea	14.5	14.7	14.8	14.9	6.5 <sup>1</sup>	6.5 <sup>1</sup>	10.0 <sup>1</sup>	24.2	7.5 <sup>1</sup>	7.5 <sup>2</sup>
Kenya	87.4	86.1	118.5	93.6	113.9	104.7	128.7	116.9	104.7 <sup>1</sup>	90.0 <sup>1</sup>
Liberia	11.7	7.5 <sup>1</sup>	11.5 <sup>1</sup>	9.0 <sup>1</sup>	9.0 <sup>1</sup>	3.9 <sup>1</sup>	4.6 <sup>1</sup>	4.2 <sup>2</sup>	1.5 <sup>2</sup>	1.5 <sup>2</sup>
Madagascar	81.2	80.9	81.4	78.5	82.3	80.8	83.5	88.2	80.0 <sup>2</sup>	80.0 <sup>2</sup>
Malawi	1.0 <sup>1</sup>	1.1 <sup>1</sup>	1.9 <sup>1</sup>	3.5 <sup>1</sup>	3.7	5.0	4.3	6.9 <sup>1</sup>	6.2 <sup>1</sup>	7.7 <sup>1</sup>
Mozambique <sup>2</sup>	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Nigeria	3.0 <sup>1</sup>	2.5 <sup>1</sup>	1.3 <sup>1</sup>	0.8 <sup>1</sup>	1.2 <sup>1</sup>	1.5 <sup>1</sup>	1.5 <sup>1</sup>	1.5 <sup>1</sup>	1.2 <sup>1</sup>	1.2 <sup>2</sup>
Rwanda	19.8	33.5	26.2 <sup>2</sup>	43.0 <sup>1</sup>	41.3	41.8	42.7	39.0 <sup>1</sup>	45.0 <sup>1</sup>	43.0 <sup>2</sup>
Sao Tome & Principe	0.1 <sup>2</sup>	0.1 <sup>2</sup>	0.1	0.1 <sup>2</sup>	0.1 <sup>2</sup>	0.1 <sup>2</sup>	0.1 <sup>2</sup>	0.1 <sup>2</sup>	0.1 <sup>2</sup>	0.1 <sup>2</sup>
Sierra Leone	8.6	16.5	18.0	26.0	23.1	24.2	25.3	25.6	25.8	26.2
Tanzania	53.1	52.1	56.9	45.8	54.8	57.7	40.9	57.6	52.0	55.9
Togo	9.2	5.9	2.7	10.0	8.2	13.6	14.5	12.1	9.2	12.0 <sup>2</sup>
Uganda	166.6	157.4	138.7	155.0	143.3	159.4	156.4	174.0	129.4	180.0
Zaire	93.4	84.2	92.7	91.6	95.0	97.2	99.0	106.9	120.0 <sup>1</sup>	101.7 <sup>1</sup>
Zambia	0.1	0.1	0.2 <sup>2</sup>	0.4	0.6	0.5 <sup>1</sup>	0.5 <sup>1</sup>	1.5 <sup>1</sup>	1.4 <sup>1</sup>	1.8 <sup>1</sup>
Zimbabwe	6.1	8.2	10.0	10.7	11.4	13.5	11.6	13.9	14.6	13.6
<b>Total Africa <sup>3</sup></b>	<b>1203.2</b>	<b>1122.2</b>	<b>1018.4</b>	<b>1183.2</b>	<b>1256.7</b>	<b>1243.3</b>	<b>1220.6</b>	<b>1269.4</b>	<b>1258.6</b>	<b>1161.8</b>
<b>AMERICA:</b>										
Bolivia	21.2	21.1	21.4	23.4	23.6	25.2	26.2	26.7	28.6	30.0
Brazil	957.9	1671.6	1420.3	1910.6	1041.4	2202.7	1368.8	1529.8	1463.1	1497.2
Colombia	773.6	768.6	807.8	643.1	713.5	651.6	708.7	664.0	845.0	870.0
Costa Rica	115.1	124.0	136.9	124.0	128.2	138.0	144.9	157.0	151.1	158.0 <sup>1</sup>
Cuba	28.7	18.4	22.1	23.8	24.5	26.2	28.8	28.9	27.1 <sup>1</sup>	26.4 <sup>1</sup>
Dominica	0.2	0.4	0.4	0.4	0.1	0.4	0.4 <sup>2</sup>	0.4 <sup>2</sup>	0.4 <sup>2</sup>	0.4 <sup>2</sup>
Dominican Republic	63.5	68.0	72.1	72.0	68.5	67.1	67.9	64.6	59.4	45.6 <sup>1</sup>
Ecuador	83.9	81.1	97.3	120.9	118.0	111.7 <sup>1</sup>	144.4	129.3	135.0	114.0 <sup>1</sup>
El Salvador	174.6	154.6	163.9	148.8	138.2	147.9	120.3	121.9	156.4	149.5
Guatemala	189.3	183.0	193.9	180.0	196.6	182.3	179.5	193.2	202.4	195.0 <sup>1</sup>
Guyana	1.3 <sup>1</sup>	1.0 <sup>1</sup>	0.4	0.4	0.4	0.2 <sup>1</sup>	0.3 <sup>1</sup>	0.3 <sup>1</sup>	0.3 <sup>1</sup>	0.3 <sup>1</sup>
Haiti	32.3	36.0	37.3	36.9	37.8	30.1	37.7	38.4	37.2	37.0 <sup>2</sup>
Honduras	72.4	79.5	72.5	75.1	76.3	79.9	94.0	99.0	118.4	121.5
Jamaica	1.5	1.6	1.7	1.3	1.7	1.7	2.2	1.3 <sup>1</sup>	1.4 <sup>1</sup>	2.2 <sup>1</sup>
Martinique <sup>2</sup>	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Mexico	312.7	312.6	239.9	260.2	374.8	336.2 <sup>1</sup>	423.0	343.4	440.0	299.0
Nicaragua	72.1	49.2	51.3	35.4	43.3	38.6	42.9	43.4	42.9	27.6
Panama	8.1	8.9	10.8	9.4	10.6	10.2	10.3	9.8	10.1 <sup>1</sup>	10.8 <sup>1</sup>
Paraguay	13.9	15.0	18.4	18.1	19.1	18.3	18.3	17.6	17.6	19.0 <sup>2</sup>



TABLE V-1 COFFEE PRODUCTION BY COUNTRY, 1982-1991 - Concluded

Area & Country	(In thousand metric tonnes)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>AMERICA (Cont'd):</b>										
Peru	79.4	85.6	83.4	90.6	95.9	98.2	99.3	105.6	81.0	82.5
Puerto Rico	13.0	15.6	12.2	14.1	11.3	16.0	13.2	14.5	12.9	12.7
St Vincent/Grenadines <sup>2</sup>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Suriname	..	..	..	..	..	..	..	..	..	0.1 <sup>2</sup>
Trinidad & Tobago	1.8	1.4	0.9	2.1	1.3	1.8	0.6	1.2	1.9 <sup>1</sup>	0.8 <sup>1</sup>
United States	0.4	1.0	0.6	0.7	1.1	0.7	0.7	1.2	1.0	1.0 <sup>2</sup>
Venezuela	58.0	58.8	61.9	64.4	66.2	70.2	71.0	72.6	76.4	66.0 <sup>1</sup>
<b>Total America <sup>3</sup></b>	<b>3075.8</b>	<b>3757.8</b>	<b>3527.7</b>	<b>3856.1</b>	<b>3193.2</b>	<b>4255.8</b>	<b>3604.2</b>	<b>3665.0</b>	<b>3910.3</b>	<b>3767.3</b>
<b>ASIA:</b>										
Cambodia <sup>2</sup>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
China <sup>2</sup>	14.1	15.0	17.0	20.0	23.0	26.0	27.0	30.0	33.0	35.0
India	152.1	130.0	105.0	195.1	122.4	192.3	123.0	215.0	118.0 <sup>1</sup>	173.0
Indonesia	281.3	306.0	315.0	311.0	357.5	388.7	391.1	401.0	411.3	408.0 <sup>1</sup>
Lao People's Dem Rep	5.2	5.3	5.8	6.0	4.7	5.3	7.8	5.4	5.2	5.3 <sup>2</sup>
Malaysia	11.3	11.9	11.9	10.9	10.3	11.5	9.5	6.7	5.2	5.2 <sup>2</sup>
Myanmar	1.2	1.2	1.2	1.3	1.4	1.4	1.5	1.6	1.4	1.4
Philippines	171.4	146.9	116.8	135.4	145.3	140.1	141.9	155.9	134.1	113.0 <sup>2</sup>
Saudi Arabia <sup>2</sup>	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Sri Lanka	13.2	16.6	10.5	9.3	5.6	6.0	5.6	6.8	7.6	6.8 <sup>2</sup>
Thailand	18.5	18.0	18.1	23.5	26.0	20.2	30.7	59.4	61.3	55.0
Viet Nam	25.0	26.6	22.4	52.6	101.8	110.7	169.2	218.9	260.0	285.0 <sup>2</sup>
Yemen	4.3	3.9	5.2	4.9	5.0	5.1	6.5	6.8	7.4	7.8
<b>Total Asia <sup>3</sup></b>	<b>697.8</b>	<b>681.7</b>	<b>629.1</b>	<b>770.2</b>	<b>803.4</b>	<b>907.7</b>	<b>914.0</b>	<b>1107.8</b>	<b>1044.7</b>	<b>1095.9</b>
<b>OCEANIA:</b>										
Fiji	.. <sup>1</sup>	.. <sup>1</sup>	..	.. <sup>1</sup>	..	..	0.1	0.1	0.7	0.6 <sup>2</sup>
French Polynesia	0.1	0.1	0.1	0.1	..	..	..	..	..	.. <sup>2</sup>
New Caledonia	0.3	0.4	0.3	0.6	0.5	0.4	0.1	0.3	0.3	0.3 <sup>2</sup>
Papua New Guinea	41.1	55.9	43.7	56.2	44.3	62.5 <sup>1</sup>	62.0 <sup>1</sup>	70.5 <sup>1</sup>	67.1 <sup>1</sup>	61.8 <sup>1</sup>
Vanuatu	..	..	0.1	0.1	0.1	0.1	..	..	.. <sup>2</sup>	.. <sup>2</sup>
<b>Total Oceania <sup>3</sup></b>	<b>41.6</b>	<b>56.5</b>	<b>44.2</b>	<b>56.9</b>	<b>44.9</b>	<b>63.1</b>	<b>62.2</b>	<b>70.9</b>	<b>68.1</b>	<b>62.8</b>
<b>World Total <sup>3</sup></b>	<b>5018.3</b>	<b>5618.3</b>	<b>5219.4</b>	<b>5866.4</b>	<b>5298.2</b>	<b>6469.9</b>	<b>5801.2</b>	<b>6113.2</b>	<b>6281.8</b>	<b>6087.8</b>

<sup>1</sup> Provisional or estimated figure.

<sup>2</sup> United Nations, Food and Agriculture Organization estimate.

<sup>3</sup> Totals are calculated from original data. Figures may not match due to rounding.

Source: United Nations, Department of Economic and Social Information and Policy Analysis, Statistical Division, *Statistical Yearbook, Thirty-eighth issue, 1990/91* (New York: United Nations, 1993).



TABLE V-2 APPARENT COFFEE CONSUMPTION PER CAPITA, BY COUNTRY, 1982-1991

Area & Country	(In kilograms)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>AMERICA:</b>										
Canada <sup>1</sup>	4.35	4.33	4.37	4.54	4.38	4.60	4.33	4.54	4.64	4.85
United States	4.77	4.59	4.66	4.61	4.36	4.48	4.40	4.51	4.59	4.52
<b>ASIA:</b>										
Cyprus	2.58	6.55	n.a.	2.87	1.34	3.18	4.26	3.30	2.91	4.03
Japan	1.85	1.94	2.00	2.14	2.23	2.44	2.49	2.49	2.54	2.92
Singapore	n.a.	n.a.	2.39	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
<b>EUROPE:</b>										
Austria	7.98	8.53	7.73	7.34	7.75	8.18	8.01	10.53	10.32	9.99
Belgium-Luxembourg	7.16	8.84	7.25	7.63	7.17	6.96	7.08	6.08	2.30	3.76
Denmark	11.46	11.15	11.05	11.04	11.00	10.65	10.20	10.74	10.10	10.61
Finland	12.77	12.93	14.59	10.09	12.04	12.61	11.68	12.80	12.87	11.58
France	5.94	5.94	5.39	5.47	5.49	5.83	5.78	5.65	5.53	5.89
Germany <sup>2</sup>	7.34	7.29	7.03	6.84	7.38	8.18	7.44	7.54	6.82	7.86
Greece	2.65	2.81	3.00	2.96	2.18	3.01	3.17	3.48	3.74	2.29
Ireland	1.00	1.16	1.48	1.59	1.81	1.59	1.85	1.66	2.04	1.94
Italy	4.29	4.34	3.89	4.93	4.37	4.51	4.40	4.50	5.06	4.39
Netherlands	8.16	9.58	9.46	9.41	9.65	10.48	9.95	9.08	10.25	9.90
Norway	10.51	11.36	10.39	10.47	10.13	10.81	9.16	10.09	10.29	10.35
Portugal	1.40	1.90	1.96	2.20	1.66	2.63	2.46	2.57	2.97	2.96
Spain	2.77	3.19	2.92	2.74	3.46	3.27	3.62	4.00	4.18	4.08
Sweden	11.73	12.14	11.29	11.55	11.64	11.71	11.08	10.95	11.85	11.18
Switzerland	5.54	6.00	6.04	6.17	6.59	7.10	7.78	8.44	8.12	8.41
United Kingdom	2.46	2.41	2.52	2.44	2.41	2.48	2.45	2.28	2.45	2.44
Yugoslavia	1.06	1.51	0.89	0.58	2.31	2.52	2.11	2.13	n.a.	n.a.
<b>OCEANIA:</b>										
Australia	2.63	2.31	2.44	2.10	2.24	3.00	2.27	2.36	n.a.	n.a.
Fiji	n.a.	0.18	0.07	0.09	0.08	0.08	0.08	0.08	0.08	0.08
New Zealand	1.96	2.25	2.01	1.96	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

<sup>1</sup> Source: Statistics Canada, *Apparent Per Capita Food Consumption in Canada, Part I, 1983 to 1992* (Ottawa: Statistics Canada, Catalogue 32-229, annual editions).

<sup>2</sup> Prior 1990, data represent rates of the former Federal Republic of Germany only.

Source: United Nations, Department of Economic and Social Information and Policy Analysis, Statistical Division, *Statistical Yearbook 1982, 1983/84, 1985/86, 1987, 1988/89 and 1990/91* (New York: United Nations, annual editions).



TABLE V-3 TEA PRODUCTION BY COUNTRY, 1982-1991

Area & Country	(In thousand metric tonnes)									
	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991
<b>AFRICA:</b>										
Burundi	2	2	3	4	4	4	4	4	4	4 <sup>1</sup>
Cameroon	2	2	2	3	3	3	3 <sup>2</sup>	3 <sup>1</sup>	3 <sup>1</sup>	3 <sup>1</sup>
Ethiopia <sup>1</sup>	..	..	..	..	..	..	..	..	1	1
Kenya	96	119	116	147	143	156	164	181	197	204 <sup>2</sup>
Malawi	38	32	38	40	39	32	40	39	39	41 <sup>2</sup>
Mauritius	5	6	8	8	8	7	7	6	6	6 <sup>1</sup>
Mozambique	21 <sup>2</sup>	15 <sup>2</sup>	11 <sup>2</sup>	7 <sup>2</sup>	5 <sup>2</sup>	3 <sup>2</sup>	2 <sup>2</sup>	2 <sup>1</sup>	2 <sup>1</sup>	2 <sup>1</sup>
Rwanda	7	7	6	8	10	12	12	13	13 <sup>1</sup>	13 <sup>1</sup>
South Africa	7	7	8	9	10 <sup>2</sup>	10 <sup>2</sup>	10 <sup>2</sup>	13	13 <sup>1</sup>	14 <sup>1</sup>
Tanzania	18	15	17	16	14	17	16	17	20	21 <sup>1</sup>
Uganda	3	3	5	6	3	4	4	5	7	8
Zaire	4	5	5	5	5	3	3	3	3 <sup>1</sup>	3 <sup>1</sup>
Zambia	..	..	..	..	..	..	1	1 <sup>2</sup>	1 <sup>1</sup>	1 <sup>1</sup>
Zimbabwe	11	11	12	14	16 <sup>1</sup>	15 <sup>2</sup>	17 <sup>2</sup>	18	17	16 <sup>2</sup>
<b>Total Africa<sup>3</sup></b>	<b>215</b>	<b>226</b>	<b>233</b>	<b>268</b>	<b>261</b>	<b>267</b>	<b>282</b>	<b>304</b>	<b>325</b>	<b>335</b>
<b>AMERICA:</b>										
Argentina	33	41	41	47	41	45	32	38	43 <sup>2</sup>	48 <sup>1</sup>
Bolivia	2 <sup>1</sup>	2 <sup>1</sup>	1	1	1	2	2	2	2	3
Brazil	11	9	11	11	12	12	10	10	10 <sup>2</sup>	10 <sup>2</sup>
Ecuador	2	1	1	1	1	1	1	1	1	1 <sup>2</sup>
Peru	2	2	2	3 <sup>2</sup>	3 <sup>2</sup>	3 <sup>2</sup>	3 <sup>2</sup>	3 <sup>1</sup>	3 <sup>1</sup>	3 <sup>1</sup>
<b>Total America<sup>3</sup></b>	<b>49</b>	<b>54</b>	<b>56</b>	<b>63</b>	<b>59</b>	<b>63</b>	<b>48</b>	<b>55</b>	<b>61</b>	<b>66</b>
<b>ASIA:</b>										
Bangladesh	41	42	38	43	38	38	41	44	39	38 <sup>1</sup>
China	421	425	438	456	484	535	569	557	562	566
India	561	581	640	656	621	665	701	684	715	730 <sup>2</sup>
Indonesia	93	110	126	127	136	126	134	141	149	158
Iran, Islamic Rep Of	35	36	43	33	41	43	43	28	44 <sup>2</sup>	45 <sup>2</sup>
Japan	99	103	93	96	94	96	90	91	90	90 <sup>1</sup>
Korea, Republic Of	.. <sup>1</sup>	.. <sup>1</sup>	.. <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>	..	..	..	..	.. <sup>1</sup>
Lao People's Dem Rep	..	..	..	..	1	1	1	1	2	2 <sup>1</sup>
Malaysia	3	3	5	4 <sup>1</sup>	5	5	5	5	5 <sup>2</sup>	5 <sup>1</sup>
Nepal	1	1	1	1	1	1	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>	1 <sup>1</sup>
Sri Lanka	188	179	208	214	211	213	227	207	238	241 <sup>2</sup>
Thailand	2 <sup>2</sup>	2 <sup>2</sup>	2 <sup>1</sup>	3	3 <sup>2</sup>	3 <sup>1</sup>	5	5	5 <sup>1</sup>	5 <sup>1</sup>
Turkey	68	101	114	137	148	141	153	137	123	136
Viet Nam	25	27	27	28	30	29	30	30	31	32 <sup>1</sup>
<b>Total Asia<sup>3</sup></b>	<b>1536</b>	<b>1611</b>	<b>1736</b>	<b>1799</b>	<b>1813</b>	<b>1896</b>	<b>2000</b>	<b>1930</b>	<b>2004</b>	<b>2049</b>
<b>EUROPE:</b>										
USSR, Former	140	146	151	152	146	156	123	131	136	118 <sup>1</sup>
<b>OCEANIA:</b>										
Papua New Guinea	8	10	10	8	8	8 <sup>1</sup>	8 <sup>1</sup>	8 <sup>1</sup>	8 <sup>1</sup>	9 <sup>1</sup>
<b>World Total<sup>3</sup></b>	<b>1949</b>	<b>2047</b>	<b>2187</b>	<b>2291</b>	<b>2288</b>	<b>2391</b>	<b>2461</b>	<b>2428</b>	<b>2533</b>	<b>2576</b>

<sup>1</sup> United Nations, Food and Agriculture Organization estimate.<sup>2</sup> Provisional or estimated figure.<sup>3</sup> Totals are calculated from original data. Figures may not match due to rounding.Source: United Nations, Department of Economic and Social Information and Policy Analysis, Statistical Division, Statistical Yearbook, Thirty-eighth issue, 1990/91 (New York: United Nations, 1993).



Country		Year		Value	
Algeria	1990	1	1	1	1
Algeria	1991	1	1	1	1
Algeria	1992	1	1	1	1
Algeria	1993	1	1	1	1
Algeria	1994	1	1	1	1
Algeria	1995	1	1	1	1
Algeria	1996	1	1	1	1
Algeria	1997	1	1	1	1
Algeria	1998	1	1	1	1
Algeria	1999	1	1	1	1
Algeria	2000	1	1	1	1
Algeria	2001	1	1	1	1
Algeria	2002	1	1	1	1
Algeria	2003	1	1	1	1
Algeria	2004	1	1	1	1
Algeria	2005	1	1	1	1
Algeria	2006	1	1	1	1
Algeria	2007	1	1	1	1
Algeria	2008	1	1	1	1
Algeria	2009	1	1	1	1
Algeria	2010	1	1	1	1
Algeria	2011	1	1	1	1
Algeria	2012	1	1	1	1
Algeria	2013	1	1	1	1
Algeria	2014	1	1	1	1
Algeria	2015	1	1	1	1
Algeria	2016	1	1	1	1
Algeria	2017	1	1	1	1
Algeria	2018	1	1	1	1
Algeria	2019	1	1	1	1
Algeria	2020	1	1	1	1
Algeria	2021	1	1	1	1
Algeria	2022	1	1	1	1
Algeria	2023	1	1	1	1
Algeria	2024	1	1	1	1
Algeria	2025	1	1	1	1
Algeria	2026	1	1	1	1
Algeria	2027	1	1	1	1
Algeria	2028	1	1	1	1
Algeria	2029	1	1	1	1
Algeria	2030	1	1	1	1
Algeria	2031	1	1	1	1
Algeria	2032	1	1	1	1
Algeria	2033	1	1	1	1
Algeria	2034	1	1	1	1
Algeria	2035	1	1	1	1
Algeria	2036	1	1	1	1
Algeria	2037	1	1	1	1
Algeria	2038	1	1	1	1
Algeria	2039	1	1	1	1
Algeria	2040	1	1	1	1
Algeria	2041	1	1	1	1
Algeria	2042	1	1	1	1
Algeria	2043	1	1	1	1
Algeria	2044	1	1	1	1
Algeria	2045	1	1	1	1
Algeria	2046	1	1	1	1
Algeria	2047	1	1	1	1
Algeria	2048	1	1	1	1
Algeria	2049	1	1	1	1
Algeria	2050	1	1	1	1
Algeria	2051	1	1	1	1
Algeria	2052	1	1	1	1
Algeria	2053	1	1	1	1
Algeria	2054	1	1	1	1
Algeria	2055	1	1	1	1
Algeria	2056	1	1	1	1
Algeria	2057	1	1	1	1
Algeria	2058	1	1	1	1
Algeria	2059	1	1	1	1
Algeria	2060	1	1	1	1
Algeria	2061	1	1	1	1
Algeria	2062	1	1	1	1
Algeria	2063	1	1	1	1
Algeria	2064	1	1	1	1
Algeria	2065	1	1	1	1
Algeria	2066				



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# CHAPTER VI

## HEALTH

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The tables in this chapter provide additional health and mortality related information. With the exception of total mortality, each of the other indicators is related by varying degrees to substance use and abuse. A general relationship, that is true for all regions of the world, cannot be determined with any degree of certainty.

### *Reported AIDS Cases*

Between 1987 and 1991 the cumulative number of reported AIDS (acquired immunodeficiency syndrome) cases around the world increased from 71,297 to 493,872. More recent data indicates that by 1993 the cumulative number of AIDS cases worldwide had increased to almost 875,000<sup>1</sup>.

Figure VI-1 shows rates per million population of reported cases of AIDS up to the end of 1991. Based on the available data, some of the highest risk areas were in Africa and South America. In Africa, for example, the rate per million population was 1,545 in Uganda, 1,484 in Congo, and 1,411 in Malawi (Table VI-1). In the Americas, the rate for the Bahamas was 3,233 and 3,131 for Bermuda (Table VI-1). In Europe, the highest rates were recorded in Switzerland and France (328 and 313 cases per million, respectively).

### *Deaths From Selected Causes*

Tables VI-2 and VI-3 present the total number of deaths and the corresponding rates per 100,000 population for the period 1981 to 1990.

Deaths from motor vehicle traffic accidents for the years 1981 through 1990 are presented in Table VI-4, while the corresponding rates are listed in Table VI-5. While a number of countries experienced declines in their motor vehicle death rates, there are also many countries where the rate of deaths from this cause has increased.

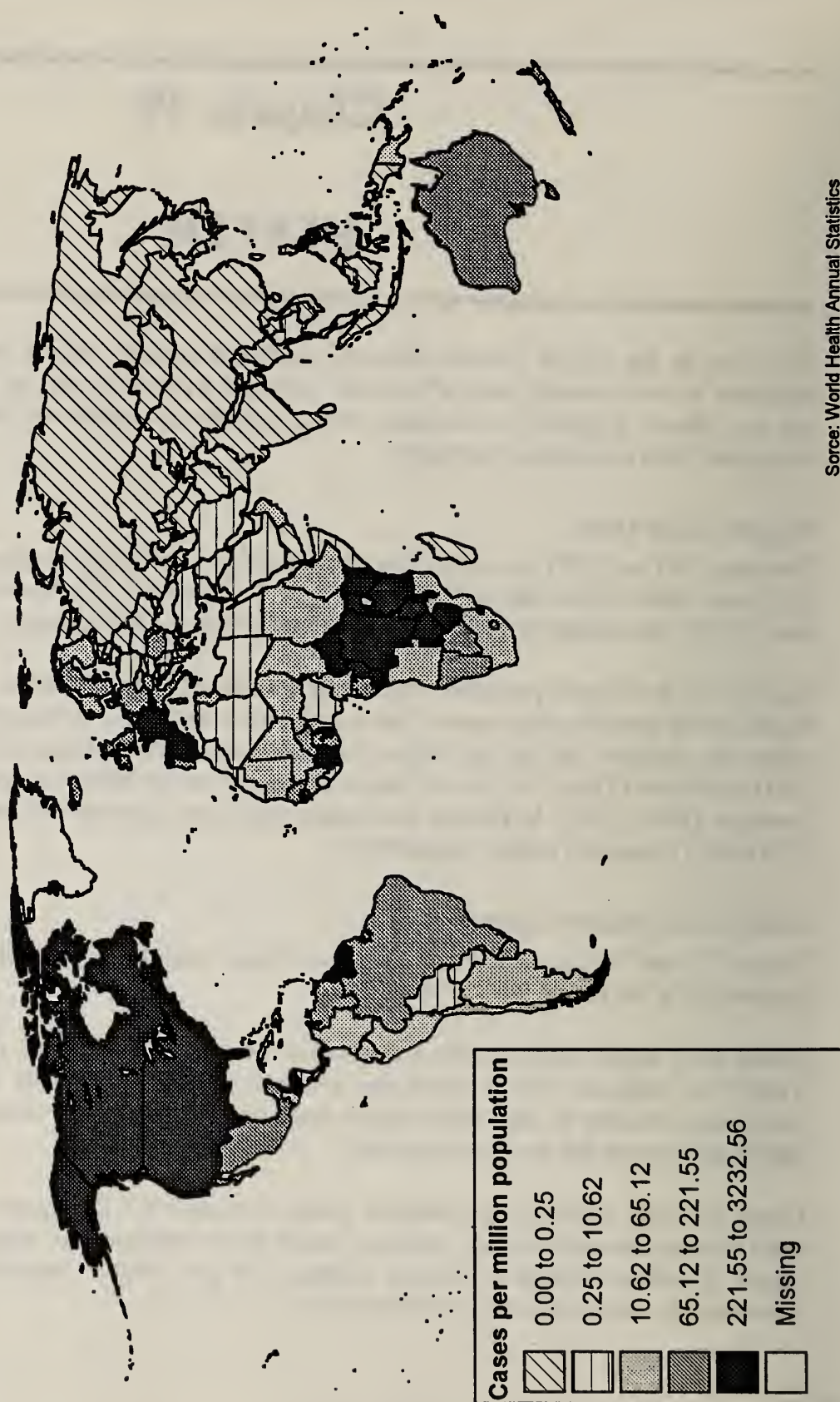
Deaths involving suicide are presented in Tables VI-6 and VI-7. During the period 1981 to 1990 there were no discernible trends. However, based on the available data, suicide rates appear to be higher in various regions of Europe (Hungary 40 per 100,000 population, Finland 30 and Denmark 24) compared to the rest of the world.

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<sup>1</sup> Health Canada, Division of HIV/AIDS Epidemiology, *Quarterly surveillance update: AIDS in Canada, April 1994*. (Ottawa: Health Canada, 1994)



**Figure VI-1: Reported AIDS Cases  
up to December 1991, Cases per Million Population**



Source: World Health Annual Statistics



## **EXPLANATORY NOTES**

### **Table VI-1: AIDS**

Data on acquired immunodeficiency syndrome (AIDS) have been compiled and estimated by the World Health Organization Global Programme on AIDS Surveillance, Forecasting and Impact Assessment Unit, from official national reports and special studies.

### **Tables VI-2 through VI-7: Mortality**

The cause of death is defined as "the disease or injury which initiated the train of morbid events leading directly to death, or the circumstances of the accident or violence which produced the fatal injury"<sup>2</sup>.

Figures are limited to those countries that report appropriately to the World Health Organization in accordance with the Basic Tabulation List of the 9th revision of the International Classification of Diseases (ICD-9) or with List A of ICD-8.

The corresponding codes for motor vehicle traffic accidents and suicide are:

<b>Cause of Death</b>	<b>ICD-8</b>	<b>ICD-9</b>
Motor vehicle traffic accidents	AE138	E471
Suicide and self-inflicted injuries	AE147	E54

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<sup>2</sup> World Health Organization, Manual of the International Statistical Classification of Diseases, Injuries and Causes of Death, Ninth Revision (1975) Vol.1, p. 763 (Geneva: World Health Organization, 1977).



TABLE VI-1 REPORTED AIDS CASES BY COUNTRY, 1986-1991

Area & Country	Cumulative	New cases reported for					Cumulative	Cases per
	total to Dec. 1986 1	1987	1988	1989	1990	1991	total to Dec. 1991	million up to Dec. 1991
AFRICA:								
Algeria	3	5	5	32	47	..	92	3.59
Angola	9	32	63	94	93	130	421	40.86
Benin	3	6	18	57	50	51	185	37.84
Botswana	11	25	22	29	91	72	250	185.46
Burkina Faso	10	21	394	481	72	..	978	105.82
Burundi	269	652	1054	809	521	..	3305	588.08
Cameroon	21	20	33	60	61	234	429	35.05
Cape Verde	2	16	..	10	4	..	32	83.77
Central African Rep	322	178	230	432	702	..	1864	596.10
Chad	2	2	7	10	38	165	224	38.49
Comoros	..	..	1	..	1	1	3	5.26
Congo	234	1000	346	360	465	1077	3482	1484.23
Côte d'Ivoire	182	404	1193	1930	3189	3894	10792	865.85
Djibouti	..	..	1	6	51	107	165	391.92
Egypt	2	3	6	9	7	12	39	0.71
Equatorial Guinea	..	..	1	2	2	2	7	19.66
Ethiopia	..	..	11 1	283	448	889	1631	30.55
Gabon	13	4	10	24	66	98	215	177.39
Gambia	11	16	30	21	46	56	180	203.62
Ghana	26	35	266	899	1011	903	3140	202.46
Guinea	..	4	29	49	138	118	338	56.99
Guinea-Bissau	..	..	..	123	34	..	157	159.55
Kenya	274	1223	2817	4825	..	..	9139	352.79
Lesotho	3	1	3	6	10	21	44	24.10
Liberia	2	..	..	3	..	19	24	8.87
Libyan Arab Jamahiriya	1	..	..	..	4	2	7	1.49
Madagascar	..	..	..	2	..	..	2	0.17
Malawi	144	858	3034	3812	4226	..	12074	1411.17
Mali	6	23	99	106	104	..	338	35.55
Mauritania	..	..	5	6	5	10	26	12.77
Mauritius	..	1	1	2	1	5	10	9.03
Morocco	2	9	13	20	26	28	98	3.81
Mozambique	1	3	23	37	98	178	340	21.14
Namibia	4	15	43	127	122	..	311	169.30
Niger	..	18	24	38	213	204	497	62.25
Nigeria	..	10	3	35	36	100	184	1.64
Réunion	..	3	10	34	2	..	49	80.59
Rwanda	718	295	267	1005	2204	2089	6578	878.12
Sao Tome and Principe	..	..	..	..	2	4	6	48.39
Senegal	6	60	115	126	118	127	552	73.28
Seychelles	..	..	..	..	..	..	..	..
Sierra Leone	..	3	12	12	7	6	40	9.39
Somalia	..	1	4	3	5	..	13	1.69
South Africa	65	48	94	176	320	316	1019	28.25
Sudan	1	1	64	122	130	182	500	19.27
Swaziland	..	..	3	7	20	41	71	86.90
Tanzania	5826	909	2550	4822	7948	5341	27396	966.04
Togo	136	2	15	39	458	628	1278	350.81
Tunisia	28	14	17	14	27	5	105	12.56
Uganda	147	3477	3625	6029	8441	8471	30190	1546.86
Zaire	825	1983	3121	6408	2425	..	14762	402.54



TABLE VI-1 REPORTED AIDS CASES BY COUNTRY, 1986-1991 - Continued

Area & Country	Cumulative total to	New cases reported for					Cumulative total to	Cases per million up
	Dec. 1986 1	1987	1988	1989	1990	1991	Dec. 1991	to Dec. 1991
AFRICA: (Cont'd)								
Zambia	241	468	985	1115	1393	1601	5803	660.93
Zimbabwe	..	119	202	1281	4362	4587	10551	1053.10
Total Africa	9267	11967	20869	36215	39844	31774	149936	225.51
AMERICA:								
Anguilla	..	..	1	2	1	..	4	571.43
Antigua and Barbuda	2	1	..	..	3	..	6	78.95
Argentina	72	72	169	229	383	373	1298	39.68
Bahamas	86	90	93	168	162	235	834	3232.56
Barbados	32	24	15	40	61	78	250	980.39
Belize	1	6	4	..	1	..	12	61.86
Bermuda	51	21	28	35	33	23	191	3131.15
Bolivia	3	3	10	2	7	16	41	5.39
Brazil	2380	2117	3432	4516	6177	5914	24536	160.03
British Virgin Islands	..	..	1	..	2	1	4	307.69
Canada	1288	856	961	1133	1050	788	6076	225.10
Cayman Islands	2	1	1	1	2	3	10	384.62
Chile	75	41	55	65	117	147	500	37.40
Colombia	206	151	213	330	620	669	2189	65.12
Costa Rica	17	23	52	56	69	83	300	97.91
Cuba	..	27	24	12	10	30	103	9.59
Dominica	..	6	1	3	2	..	12	144.58
Dominican Republic	137	294	292	499	238	162	1622	221.55
Ecuador	27	19	25	15	42	51	179	16.50
El Salvador	..	..	35 <sup>1</sup>	94	54	107	290	53.94
French Guyana	78	25	34	54	41	..	232	2274.51
Grenada	6	5	3	5	5	7	31	369.05
Guadeloupe	47	41	47	54	6	..	195	565.22
Guatemala	17	16	13	18	78	94	236	24.93
Guyana	..	10	34	40	61	85	230	287.50
Haiti	795	477	731	453	630	..	3086	465.81
Honduras	129	66	130	231	586	453	1595	302.94
Jamaica	10	33	30	66	62	133	334	141.17
Martinique	26	22	28	51	45	28	200	583.09
Mexico	2382	1027	1411	900	2403	950	9073	103.29
Montserrat	..	..	..	1	..	..	1	83.33
Netherlands Antilles	..	..	28	18	31	..	77	407.41
Nicaragua	..	..	2	2	7	13	24	6.00
Panama	24	28	60	75	73	70	330	133.82
Paraguay	3	6	2	3	12	10	36	8.19
Peru	..	60	68	117	141	155	541	24.59
St Kitts and Nevis	2	..	17	5	8	1	33	750.00
St Lucia	1	7	2	8	15	7	40	261.44
St Vincent/Grenadines	2	5	8	6	4	14	39	333.33
Suriname	4	5	4	35	35	16	99	230.77
Trinidad and Tobago	151	85	160	167	173	235	971	774.94
Turks & Caicos Islands	6	4	1	7	1	2	21	2100.00
United States	44424	26551	31787	37556	39249	35696	215263	851.89
Uruguay	8	9	28	38	76	86	245	78.73
Venezuela	170	132	268	326	426	251	1573	77.77
Total America	52570	32366	40308	47530	53202	46986	272962	373.78



TABLE VI-1 REPORTED AIDS CASES BY COUNTRY, 1986-1991 - Continued

Area & Country	Cumulative total to	New cases reported for					Cumulative total to	Cases per million up
	Dec. 1986 1	1987	1988	1989	1990	1991	Dec. 1991	to Dec. 1991
<b>ASIA:</b>								
Afghanistan	..	..	..	..	..	..	..	..
Bahrain	..	..	..	..	..	..	..	..
Bangladesh	..	..	..	..	1	..	1	0.01
Bhutan	..	..	..	..	..	..	..	..
Brunei-Darussalam	..	..	1	..	1	..	2	7.33
Cambodia	..	..	..	..	..	..	..	..
China 2	1	2	..	..	2	3	8	0.01
Cyprus	7	3	3	3	3	4	23	32.39
Hong Kong	4	5	7	16	12	15	59	9.98
India	5	4	19	12	17	45	102	0.12
Indonesia	..	1	2	3	6	9	21	0.11
Iran, Islamic Rep Of	..	1	3	5	10	25	44	0.79
Iraq	..	..	..	..	..	7	7	0.36
Israel	50	15	21	27	32	24	169	33.97
Japan	25	34	31	92	189	82	453	3.66
Jordan	1	3	1	5	1	6	17	4.10
Korea, Dem Rep Of	..	..	..	..	..	..	..	..
Korea, Republic Of	..	1	3	1	2	1	8	0.18
Kuwait	2	..	..	..	1	3	6	2.86
Lao People's Dem Rep	..	..	..	..	..	1	1	0.23
Lebanon	1	2	9	4	8	5	29	10.56
Macao	..	..	1	..	..	1	2	4.02
Malaysia	3	1	2	6	12	23	47	2.56
Maldives	..	..	..	..	..	..	..	..
Mongolia	..	..	..	..	..	..	..	..
Myanmar	..	..	..	..	..	10	10	0.23
Nepal	..	..	2	..	2	1	5	0.26
Oman	1	5	6	4	7	1	24	15.39
Pakistan	..	3	3	7	1	4	18	0.16
Philippines	17	9	8	7	15	11	67	1.07
Qatar	8	8	5	2	7	1	31	81.36
Saudi Arabia	..	14	4	7	7	8	40	2.72
Singapore	2	2	6	5	8	12	35	12.67
Sri Lanka	..	..	2	3	3	2	10	0.58
Syrian Arab Rep	..	3	2	4	1	7	17	1.31
Thailand	4	6	4	29	54	82	179	3.14
Turkey	4	9	9	10	12	18	62	1.02
United Arab Emirates	..	..	..	8	..	..	8	4.91
Viet Nam	..	..	..	..	..	..	..	..
Yemen	..	..	..	..	..	..	..	..
<b>Total Asia</b>	<b>135</b>	<b>131</b>	<b>154</b>	<b>260</b>	<b>414</b>	<b>411</b>	<b>1505</b>	<b>0.48</b>
<b>EUROPE:</b>								
Albania	..	..	..	..	..	..	..	..
Austria	63	82	103	139	152	168	707	90.37
Belgium	269	115	137	147	183	195	1046	106.26
Bulgaria	..	2	..	5	2	4	13	1.45
Czechoslovakia	6	2	4	7	5	2	26	1.67
Denmark	147	100	124	171	195	210	947	183.95
Finland	19	8	17	15	15	26	100	19.88
France	2798	2004	2680	3395	3722	3237	17836	312.64



TABLE VI-1 REPORTED AIDS CASES BY COUNTRY, 1986-1991 - Concluded

Area & Country	Cumulative total to	New cases reported for					Cumulative total to	Cases per million up
	Dec. 1986 <sup>1</sup>	1987	1988	1989	1990	1991	Dec. 1991	to Dec. 1991
<b>EUROPE (Cont'd):</b>								
Germany	1244	1036	1250	1530	1274	1199	7533	93.77
Greece	35	53	82	107	135	147	559	55.55
Hungary	1	7	9	15	17	33	82	7.93
Iceland	4	..	6	3	3	6	22	85.27
Ireland	17	20	37	50	55	62	241	68.41
Italy	746	994	1728	2384	2955	2802	11609	203.48
Luxembourg	6	3	4	11	9	12	45	120.64
Malta	5	2	7	..	1	7	22	61.62
Monaco	..	..	1	2	2	2	7	250.00
Netherlands	265	237	319	384	408	407	2020	134.09
Norway	35	35	30	45	53	54	252	59.13
Poland	1	2	2	24	21	37	87	2.27
Portugal	111	58	95	150	202	200	816	77.11
Romania	6	4	14	198	947	535	1704	73.47
San Marino	..	..	..	1	..	..	1	43.48
Spain	1081	900	1825	2351	2612	2786	11555	296.09
Sweden	113	78	85	125	119	125	645	74.70
Switzerland	501	164	348	445	429	341	2228	328.08
United Kingdom	996	631	790	932	1068	1034	5451	95.02
USSR, Former	2	3	3	21	23	20	72	0.25
Yugoslavia	8	18	39	44	70	75	254	10.62
<b>Total Europe</b>	<b>8479</b>	<b>6558</b>	<b>9739</b>	<b>12701</b>	<b>14677</b>	<b>13726</b>	<b>65880</b>	<b>97.16</b>
<b>OCEANIA:</b>								
Australia	445	368	508	568	631	651	3171	182.91
Cook Islands	..	..	..	..	..	..	..	..
Fiji	..	..	..	1	2	1	4	5.15
French Polynesia	1	1	6	5	9	5	27	127.36
Guam	..	..	5	1	2	2	10	84.03
Kiribati	..	..	..	..	..	..	..	..
Marshall Islands	..	..	..	2	..	..	2	41.67
Micronesia	..	..	..	1	1	..	2	19.80
New Caledonia	..	..	1	12	3	2	18	105.88
New Zealand	23	30	37	69	73	78	310	91.72
Papua New Guinea	5	3	8 <sup>1</sup>	5	13	13	42	11.13
Samoa	..	..	..	..	1	..	1	5.92
Solomon Islands	..	..	..	..	..	..	..	..
Tonga	..	..	1	1	..	..	2	21.28
Tuvalu	..	..	..	..	..	..	..	..
Vanuatu	..	..	..	..	..	..	..	..
Wallis & Futuna Islands	..	..	..	..	..	..	..	..
<b>Total Oceania</b>	<b>469</b>	<b>402</b>	<b>566</b>	<b>665</b>	<b>735</b>	<b>752</b>	<b>3589</b>	<b>134.01</b>
<b>World Total</b>	<b>70920</b>	<b>51424</b>	<b>71636</b>	<b>97371</b>	<b>108872</b>	<b>93649</b>	<b>493872</b>	<b>93.25</b>

<sup>1</sup> Revised and adjusted figures based on the total reported AIDS cases to December 1989.

<sup>2</sup> 14 cases in the Province of Taiwan not included, as of 1 January 1991.

Source: United Nations, Department of Economic and Social Information and Policy Analysis, Statistical Division, *Statistical Yearbook, Thirty-seventh issue, 1988/89* and *Thirty-eighth issue, 1990/91* (New York: United Nations, 1992 and 1993 respectively); World Health Organization, *World Health Statistics Annual, 1990*. (Geneva: World Health Organization, 1991).



TABLE VI-2 TOTAL NUMBER OF DEATHS FROM ALL CAUSES BY SEX AND COUNTRY, 1981-1990

Area & Country		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>AFRICA:</b>											
Algeria	T	213277	209027	173409	n.a.	137974	n.a.	161000 <sup>1</sup>	157000 <sup>1</sup>	153000 <sup>1</sup>	151000 <sup>1</sup>
	M	109758	107962	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	103519	101065	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Cape Verde	T	n.a.	2169	2649	2863	2735	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	n.a.	1385	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	n.a.	1350	n.a.	n.a.	n.a.	n.a.	n.a.
Egypt	T	432264	441621	412700	400600	442258	455888	466161	427018	n.a.	n.a.
	M	227497	n.a.	n.a.	n.a.	n.a.	n.a.	245503	222436	n.a.	n.a.
	F	204767	n.a.	n.a.	n.a.	n.a.	n.a.	220658	204582	n.a.	n.a.
Libyan Arab Jamahiriya	T	15943	n.a.	n.a.	n.a.	n.a.	24460	25420	26410	n.a.	n.a.
	M	8961	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	6982	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Mauritius	T	6404	6385	6322	6417	6691	6622	6581	6699	6946	6854
	M	3654	3646	3574	3728	3870	3721	3761	3887	4030	3984
	F	2750	2739	2748	2689	2821	2901	2820	2812	2916	2870
Réunion	T	3135	3048	3280	3039	3044	3065	3074	3253	3307	3172
	M	n.a.	n.a.	1875	n.a.	n.a.	n.a.	1831	n.a.	n.a.	n.a.
	F	n.a.	n.a.	1405	n.a.	n.a.	n.a.	1243	n.a.	n.a.	n.a.
Saint Helena	T	47	50	n.a.	46	43	53	40	56	51	35
	M	24	30	n.a.	26	24	30	n.a.	n.a.	n.a.	n.a.
	F	23	20	n.a.	20	19	23	n.a.	n.a.	n.a.	n.a.
Sao Tome & Principe	T	n.a.	878	n.a.	n.a.	1065	1253	1022	1302	1179	n.a.
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Seychelles	T	441	483	451	488	468	498	505	504	563	543
	M	224	286	260	260	292	264	279	269	317	314
	F	217	197	191	228	176	234	226	235	246	229
Zimbabwe	T	19943	20042	n.a.	n.a.	n.a.	23023	n.a.	n.a.	n.a.	n.a.
	M	12581	12613	n.a.	n.a.	n.a.	14478	n.a.	n.a.	n.a.	n.a.
	F	7362	7429	n.a.	n.a.	n.a.	8545	n.a.	n.a.	n.a.	n.a.
<b>AMERICA:</b>											
Antigua & Barbuda	T	377	394	313	n.a.	405	384	364	n.a.	n.a.	n.a.
	M	n.a.	n.a.	176	n.a.	n.a.	189	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	137	n.a.	n.a.	195	n.a.	n.a.	n.a.	n.a.
Argentina	T	241904	232638	250844	254452	239181	239599	247868	252949 <sup>1</sup>	250815 <sup>1</sup>	n.a.
	M	138504	131908	141565	143184	133388	133798	138572	140666	139946	n.a.
	F	103400	100730	109279	111268	105793	105801	109296	112283	110869	n.a.
Bahamas	T	1127	1185	1104	1137	1301	1407	1376	1319	1459	1149
	M	619	625	628	646	712	838	771	719	824	635
	F	508	560	476	491	589	569	605	600	635	514
Barbados	T	1878	1723	2000	2027	2127	2090	2195	2174	2277	n.a.
	M	912	805	949	963	1047	999	1051	1075	1090	n.a.
	F	966	918	1051	1064	1080	1091	1144	1099	1187	n.a.
Belize	T	n.a.	703	719	783	693	688	675	708	762	n.a.
	M	n.a.	371	394	453	373	370	369	385	414	n.a.
	F	n.a.	332	325	330	320	318	306	323	348	n.a.



**TABLE VI-2 TOTAL NUMBER OF DEATHS FROM ALL CAUSES BY SEX AND COUNTRY, 1981-1990**  
- Continued

Area & Country		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>AMERICA: (Cont'd)</b>											
Bermuda	T	457	379	398	396	421	415	438	399	462	445
	M	250	208	216	201	233	245	243	227	256	249
	F	207	171	182	195	188	170	195	172	206	196
Brazil	T	797289	781294	798425	809190 <sup>2</sup>	787341 <sup>2</sup>	810526 <sup>2</sup>	798818	844037	835139	n.a.
	M	466965	461131	471305	474251	462075	477138	469009	499831	499660	n.a.
	F	330324	320163	327120	334939	325266	333388	329809	344206	335479	n.a.
British Virgin Islands	T	63	68	61	66	65	82	83	59	77	n.a.
	M	40	47	32	38	40	51	53	37	48	n.a.
	F	23	21	29	28	25	31	30	22	29	n.a.
Canada	T	171029	174413	174484	175727	181323	184224	184953	190011	190965	191973
	M	97055	98054	97747	97872	100460	100969	101252	104106	104108	103968
	F	73974	76359	76737	77855	80863	83255	83701	85905	86857	88005
Cayman Islands	T	97	107	105	114	124	129	118	110	122	120
	M	58	63	57	60	63	67	59	55	63	62
	F	39	44	48	54	61	62	59	55	59	58
Chile	T	69871	69928	74428	74669	73534	72209	70559	74435 <sup>1</sup>	75453 <sup>1</sup>	78434
	M	38760	39278	42135	42377	40776	39950	38086	40599	41997	43626
	F	31111	30650	32293	32292	32758	32259	32473	33836	33456	34808
Colombia	T	166195	n.a.	140292	137189	153947	146346	152957	153069	154694	n.a.
	M	n.a.	n.a.	n.a.	78180	88443	85534	n.a.	n.a.	92393	n.a.
	F	n.a.	n.a.	n.a.	59009	65504	60812	n.a.	n.a.	62301	n.a.
Costa Rica	T	8990	9168	9432	9931	10493	10449	10687	10944	11273 <sup>1</sup>	11366 <sup>1</sup>
	M	5084	5226	5313	5605	5950	5885	6064	6238	6447	6530
	F	3906	3942	4119	4326	4543	4564	4623	4706	4826	4836
Cuba	T	57941	56224	58348	59801	64430	63145	65079	67944	67356 <sup>1</sup>	72144 <sup>1</sup>
	M	33062	32019	33161	33937	36234	35758	36620	38384	38060	40443
	F	24879	24205	25187	25864	28196	27387	28459	29560	29296	31701
Dominica	T	340	406	349	432	n.a.	488	455	424	497	608 <sup>1</sup>
	M	185	213	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	251	n.a.
	F	155	193	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	246	n.a.
Dominican Republic	T	24743	26589	32697	28236	27844	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	14796	n.a.	n.a.	15248	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	11793	n.a.	n.a.	12596	n.a.	n.a.	n.a.	n.a.	n.a.
Ecuador	T	54910	53009	55202	53118	51134	50957	51567	52732	51736	50217
	M	29449	28672	29792	29152	28016	27894	28235	29253	28840	27780
	F	25461	24337	25410	23966	23118	23063	23332	23479	22896	22437
El Salvador	T	37483	33309	32715	28870	27225	25731	27541	27774	27766	28224
	M	24001	20460	19805	17320	15979	15142	16344	16489	16574	16712
	F	13482	12849	12910	11550	11246	10589	11197	11285	11192	11512
Greenland	T	383	425	434	439	436	446	445	442	455	n.a.
	M	234	257	260	242	255	269	281	n.a.	n.a.	n.a.
	F	149	168	174	197	181	177	164	n.a.	n.a.	n.a.
Guadeloupe	T	2141	2125	2206	2235	2309	2238	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	n.a.	1276	1218	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	n.a.	1033	1020	n.a.	n.a.	n.a.	n.a.



**TABLE VI-2 TOTAL NUMBER OF DEATHS FROM ALL CAUSES BY SEX AND COUNTRY, 1981-1990**  
- Continued

Area & Country		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>AMERICA (Cont'd):</b>											
Guatemala	T	71748	76346	74434	66260	69455	69275	68597	64837	n.a.	n.a.
	M	42997	n.a.	n.a.	35848	37895	n.a.	n.a.	36104	n.a.	n.a.
	F	28751	n.a.	n.a.	30412	31560	n.a.	n.a.	28733	n.a.	n.a.
Guyana	T	n.a.	n.a.	n.a.	4781	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	2774	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	2007	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Honduras	T	18313	18506	19304	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	10239	10456	10877	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	8074	8050	8427	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Jamaica	T	13453 <sup>1</sup>	10861	13646 <sup>1</sup>	13706	13860 <sup>1</sup>	13341	n.a.	12167	n.a.	12174 <sup>1</sup>
	M	n.a.	5417	6954	7048	7107	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	5444	6692	6658	6753	n.a.	n.a.	n.a.	n.a.	n.a.
Martinique	T	1833	1843	2207	2065	2140	2104	2149	2092	2169	2220
	M	972	998	n.a.	1085	1146	1131	n.a.	1103	n.a.	1184
	F	861	845	n.a.	980	994	973	n.a.	989	n.a.	1036
Mexico	T	421762	409777	410860	407278	410937	396561 <sup>1</sup>	404699 <sup>1</sup>	411462 <sup>1</sup>	421836 <sup>1</sup>	421736
	M	242685	236592	233440	230740	232238	224138	228677	234501	239414	239040
	F	179077	173185	177420	176538	178699	172423	176022	176961	182422	182696
Montserrat	T	117	116	n.a.	104	124	123	n.a.	n.a.	n.a.	n.a.
	M	45	53	n.a.	n.a.	n.a.	65	n.a.	n.a.	n.a.	n.a.
	F	72	63	n.a.	n.a.	n.a.	58	n.a.	n.a.	n.a.	n.a.
Netherlands Antilles	T	893	957	n.a.	n.a.	n.a.	1046	1099	1219	1214	1217
	M	444	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	449	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Nicaragua	T	n.a.	n.a.	29045	n.a.	n.a.	27008	11056	n.a.	n.a.	13221
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	6885	n.a.	n.a.	7408
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	4171	n.a.	n.a.	5813
Panama	T	7976	8142	8499	8250	8991	8942	9105	9382	9557	8554 <sup>1</sup>
	M	4579	4664	4854	4674	5137	5189	5250	5435	5719	n.a.
	F	3397	3478	3645	3576	3854	3753	3855	3947	3838	n.a.
Paraguay	T	11612	12308	13507	14106	13478 <sup>2</sup>	12695 <sup>2</sup>	12713 <sup>2</sup>	n.a.	n.a.	n.a.
	M	6250	6417	6983	7368	6945	6667	6696	n.a.	n.a.	n.a.
	F	5362	5891	6524	6738	6533	6028	6017	n.a.	n.a.	n.a.
Peru	T	88441	85441	93290	n.a.	92983	93110	n.a.	n.a.	85259	n.a.
	M	46047	44841	48676	n.a.	48639	49569	n.a.	n.a.	45522	n.a.
	F	42394	40600	44614	n.a.	44344	43541	n.a.	n.a.	39737	n.a.
Puerto Rico	T	21197	21416	21400	21732	23192	23386	23950	25117	25985	26146 <sup>1</sup>
	M	12375	12298	12418	12451	13445	13706	14040	14734	15242	15334
	F	8822	9118	8982	9281	9747	9680	9910	10383	10743	10812
St Kitts & Nevis	T	450	503	478	481	441	461	462	465	484	n.a.
	M	220	239	228	236	224	239	230	231	244	n.a.
	F	230	264	250	245	217	222	232	234	240	n.a.
St Lucia	T	843	817	784	736	824	843	934	902	831	n.a.
	M	404	396	401	360	411	432	478	462	416	n.a.
	F	439	421	383	376	413	411	456	440	415	n.a.



**TABLE VI-2 TOTAL NUMBER OF DEATHS FROM ALL CAUSES BY SEX AND COUNTRY, 1981-1990**  
- Continued

Area & Country		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>AMERICA (Cont'd):</b>											
St Vincent/ Grenadines	T	772	717	779	700	n.a.	655	n.a.	712	n.a.	n.a.
	M	n.a.	348	363	341	n.a.	328	n.a.	386	n.a.	n.a.
	F	n.a.	369	416	359	n.a.	327	n.a.	326	n.a.	n.a.
Suriname	T	2345	2377	n.a.	2290	2275	2002	1746	n.a.	n.a.	n.a.
	M	1171	1303	n.a.	1300	1265	1088	949	n.a.	n.a.	n.a.
	F	1174	1074	n.a.	990	1010	914	797	n.a.	n.a.	n.a.
Trinidad & Tobago	T	7354	7641	7546	7819	8026 <sup>1</sup>	7699	8054	8036	8213 <sup>1</sup>	n.a.
	M	4012	4241	4112	4321	4357	4169	4455	4311	4500	n.a.
	F	3342	3400	3434	3498	3669	3530	3599	3725	3713	n.a.
United States	T	1977981	1974797	2019201	2039369	2086440	2105361	2123323	2167999	2150466	2162000 <sup>1</sup>
	M	1063772	1056440	1071923	1076514	1097758	1104005	1107958	1125540	1114190	n.a.
	F	914209	918357	947278	962855	988682	1001356	1015365	1042459	1036276	n.a.
Uruguay	T	27607	27172	28473	29990	28557	28772	29878	30900	29621	30210
	M	15437	15205	15813	16589	15704	15639	16210	16871	16207	16560
	F	12170	11967	12660	13401	12853	13133	13668	14029	13414	13650
Venezuela	T	80346	77021	76725	78091	79356	78436	80991	81605 <sup>1</sup>	84886 <sup>1</sup>	n.a.
	M	45752	n.a.	44101	n.a.	44604	44347	45816	46542	48920	n.a.
	F	34594	n.a.	32624	n.a.	34752	34089	35175	35063	35966	n.a.
<b>ASIA:</b>											
Bahrain	T	1065	1119	n.a.	1303	1212	1423	1569	1523	1551	1552
	M	683	701	n.a.	n.a.	n.a.	835	920	890	903	900
	F	382	418	n.a.	n.a.	n.a.	588	649	633	648	652
Bangladesh	T	1051927	1111779	n.a.	n.a.	1195137	1213820	1173414	1178620	n.a.	n.a.
	M	541954	572569	n.a.	n.a.	n.a.	643028	n.a.	n.a.	n.a.	n.a.
	F	509973	539210	n.a.	n.a.	n.a.	570792	n.a.	n.a.	n.a.	n.a.
Brunei - Darussalam	T	705	783	717	768	794	723	765	777	827	n.a.
	M	n.a.	469	410	445	n.a.	433	n.a.	477	499	n.a.
	F	n.a.	314	307	323	n.a.	290	n.a.	300	328	n.a.
China	T	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	579561 <sup>3</sup>	592854 <sup>3</sup>	720657 <sup>3</sup>	n.a.
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	315171	319782	392900	n.a.
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	264390	273072	327757	n.a.
Cyprus	T	5256	5365	5560	5269	5653	4579	4912	4903	4834	5954 <sup>1</sup>
	M	2770	2772	2898	2759	2868	2413	2470	2592	2450	n.a.
	F	2486	2593	2662	2510	2785	2166	2442	2311	2384	n.a.
Hong Kong	T	24820	25367	26498	25580	25359	26030	26959	27378	28476	n.a.
	M	13750	14194	14871	14358	14108	14527	15009	15169	16131	n.a.
	F	11070	11173	11627	11222	11251	11503	11950	12209	12345	n.a.
Iran, Islamic Republic of	T	69142 <sup>4</sup>	200614 <sup>1</sup>	207228	186440	n.a.	190061	204230 <sup>1</sup>	238390 <sup>1</sup>	199645	217597
	M	41327	n.a.	147633	130481	n.a.	132019	n.a.	n.a.	n.a.	n.a.
	F	27815	n.a.	59595	55959	n.a.	58042	n.a.	n.a.	n.a.	n.a.
Israel	T	25941	27601	27641	27805	28029	29413	29244	29176	28580	28960 <sup>1</sup>
	M	13777	14600	14654	14906	14876	15641	15563	15417	15070	n.a.
	F	12164	13001	12987	12899	13153	13772	13681	13759	13510	n.a.
Japan	T	720262	711883	740038	740247	752283	750620	751172	793014	788594	820305
	M	388575	385494	401232	402220	407769	406918	408094	428094	427114	443718
	F	331687	326389	338806	338027	344514	343702	343078	364920	361480	376587



**TABLE VI-2 TOTAL NUMBER OF DEATHS FROM ALL CAUSES BY SEX AND COUNTRY, 1981-1990**  
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Area & Country		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>ASIA (Cont'd):</b>											
Korea, Republic of	T	216547	229466	250779	250000 <sup>1</sup>	200062	191782	193954	239244	230207	n.a.
	M	128861	135955	146037	n.a.	118895	114753	114718	138783	133846	n.a.
	F	87686	93511	104742	n.a.	81167	77029	79236	100461	96361	n.a.
Kuwait	T	4678	4992	4655	4544	4710	4383	4287	n.a.	n.a.	n.a.
	M	2887	3213	2939	2853	3002	2718	2711	n.a.	n.a.	n.a.
	F	1791	1779	1716	1691	1708	1665	1576	n.a.	n.a.	n.a.
Macau	T	1465	1486	n.a.	1488	1465	1324	1321	1437	1516	1482
	M	785	781	n.a.	784	772	n.a.	687	758	n.a.	845
	F	680	705	n.a.	704	693	n.a.	634	679	n.a.	637
Malaysia	T	61564	62974	66032	67252	68367	66475	65282	68930	69707	83244
	M	35224	35972	n.a.	38431	n.a.	n.a.	36795	38774	39321	47251
	F	26340	27002	n.a.	28821	n.a.	n.a.	28487	30156	30386	35993
Maldives	T	1963	2129	1748	1640	1607	1511	1525	1526	n.a.	1355 <sup>1</sup>
	M	1033	1051	936	859	n.a.	n.a.	836	804	n.a.	n.a.
	F	930	1078	812	781	n.a.	n.a.	689	722	n.a.	n.a.
Pakistan	T	n.a.	n.a.	n.a.	830564	839247	760969	809163	852341	n.a.	n.a.
	M	n.a.	n.a.	n.a.	n.a.	458134	n.a.	n.a.	465735	n.a.	n.a.
	F	n.a.	n.a.	n.a.	n.a.	381113	n.a.	n.a.	386606	n.a.	n.a.
Philippines	T	301117	308758	327260	313359	334663	326749	335254	325098	261785	n.a.
	M	176610	181440	n.a.	n.a.	196726	n.a.	197275	192044	n.a.	n.a.
	F	124507	127318	n.a.	n.a.	137937	n.a.	137979	133054	n.a.	n.a.
Qatar	T	725	789	803	642	794	784	788	861	847	871
	M	504	531	566	n.a.	n.a.	538	525	551	578	572
	F	221	258	237	n.a.	n.a.	246	263	310	269	299
Singapore	T	12855	12895	13320	13161	13347	12819	13170	13689 <sup>1</sup>	14074	13889
	M	7370	7493	7648	7667	7615	7294	7410	7585	7952	7727
	F	5485	5402	5672	5494	5732	5525	5760	6104	6122	6162
Sri Lanka	T	88481	92244	95174	100725	98089	95937	96515	96536	104590	n.a.
	M	50818	54701	56368	60309	59236	58886	n.a.	n.a.	n.a.	n.a.
	F	37663	37543	38806	40416	38853	37051	n.a.	n.a.	n.a.	n.a.
Syrian Arab Republic	T	34346	n.a.	37098	32079	60989	50711	51581	44899	45481	32966
	M	18709	n.a.	19893	17224	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	15637	n.a.	17205	14855	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Thailand	T	239423	247402	252592	225282	202634	218025	232968	231227	246570	252512
	M	140929	144066	144816	130849	115922	n.a.	133179	133721	n.a.	147887
	F	98494	103336	107776	94433	86712	n.a.	99789	97506	n.a.	104625
Turkey	T	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	134025 <sup>2</sup>	n.a.	422964	n.a.
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	75744	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	58281	n.a.	n.a.	n.a.
<b>EUROPE:</b>											
Albania	T	18001	16521	17416	16618	17179	17369	17119	17027	18168	n.a.
	M	n.a.	n.a.	n.a.	9330	9633	9803	9572	9589	10239	n.a.
	F	n.a.	n.a.	n.a.	7288	7546	7566	7547	7438	7929	n.a.
Austria	T	92693	91339	93041	88466	89578	87071	84907	83263	83407	82952
	M	44235	43485	43945	41989	41873	40366	39202	38491	38746	38386
	F	48458	47854	49096	46477	47705	46705	45705	44772	44661	44566



**TABLE VI-2 TOTAL NUMBER OF DEATHS FROM ALL CAUSES BY SEX AND COUNTRY, 1981-1990**  
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Area & Country		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>EUROPE (Cont'd):</b>											
Belgium	T	112326	112428	114876	111073	110770	112039	105426	104551	107619	104818 <sup>1</sup>
	M	58498	58028	58746	57307	n.a.	57027	53787	n.a.	n.a.	n.a.
	F	53828	54400	56130	53766	n.a.	55012	51639	n.a.	n.a.	n.a.
Bulgaria	T	95441	100293	102182	101419	107485	104039	107213	107385	106902	108608
	M	52128	54777	56319	56135	59345	57521	59210	59155	58925	59780
	F	43313	45516	45863	45284	48140	46518	48003	48230	47977	48828
Czechoslovakia	T	180039	181158	186907	183927	184105	185718	179224	178168	181649	183785
	M	94037	94207	96808	95338	95202	95688	92766	92645	94064	96731
	F	86002	86951	90099	88589	88903	90030	86458	85523	87585	87054
Denmark	T	56116	55114	56894	56838	58078	57777	57795	58634	59070	60589
	M	30180	29288	30139	29899	30328	30025	29974	30055	30211	30944
	F	25936	25826	26755	26939	27750	27752	27821	28579	28859	29645
Finland	T	44528	43582	45519	45131	48345	47308	47985	49090	49129	50087
	M	23459	22967	23750	23417	24985	24075	24289	24702	24529	25034
	F	21069	20615	21769	21714	23360	23233	23696	24388	24600	25053
France	T	554823	543104	559655	542490	552496	546926	527466	524600	529283	526201
	M	287614	282660	288897	282468	286892	283779	275360	272456	274263	272664
	F	267209	260444	270758	260022	265604	263147	252106	252144	255020	253537
Germany	T	954436	943832	941032	917299	929649	925368	901293	900627	903442	921445
	M	453247	446365	443055	430859	433752	427919	418713	417428	417099	425093
	F	501189	497467	497977	486440	495897	497449	482580	483199	486343	496352
Gibraltar	T	231	223	239	252	276	290	217	293	219	279
	M	n.a.	n.a.	115	126	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	124	126	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Greece	T	86261	86345	90586	88397	92886	91783	95656	92407	92720	94152
	M	44735	45134	47024	46216	48452	47798	49675	48546	48635	49433
	F	41526	41211	43562	42181	44434	43985	45981	43861	44085	44719
Hungary	T	144757	144318	148643	144709	147614	147089	142601	140042	144695	145660
	M	76500	76220	78651	78239	78034	77059	74917	73339	76521	76936
	F	68257	68098	69992	66470	69580	70030	67684	66703	68174	68724
Iceland	T	1656	1583	1653	1584	1654	1598	1724	1818	1715	1704
	M	918	853	952	853	888	856	928	969	885	910
	F	738	730	701	731	766	742	796	849	830	794
Ireland	T	32929	32457	32976	32076	33213	33704	31405	31580	32111	31370
	M	18068	17755	18026	17485	18201	18315	16994	16980	17058	16828
	F	14861	14702	14950	14591	15012	15389	14411	14600	15053	14542
Isle of Man	T	979	983	943	974	1045	952	925	991	988	n.a.
	M	477	497	465	479	507	471	468	446	507	n.a.
	F	502	486	478	495	538	481	457	545	481	n.a.
Italy	T	545291	534935	564330	534676	547436	544489	532771	539426	531853	539130
	M	289251	282597	295853	282004	286799	284788	279120	281149	277597	n.a.
	F	256040	252338	268477	252672	260637	259701	253651	258277	254256	n.a.
Luxembourg	T	4160	4145	4163	4098	4080	4014	4065	3907	4018	3833
	M	2180	2171	2158	2131	2100	2090	2060	2083	2014	1913
	F	1980	1974	2005	1967	1980	1924	2005	1824	2004	1920



**TABLE VI-2 TOTAL NUMBER OF DEATHS FROM ALL CAUSES BY SEX AND COUNTRY, 1981-1990**  
- Continued

Area & Country		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>EUROPE (Cont'd):</b>											
Malta	T	3144	3103	3208	2929	2915	2861	2950	2734	2637	2709
	M	1637	1583	1610	1514	1505	1477	1519	1396	1323	1391
	F	1507	1520	1598	1415	1410	1384	1431	1338	1314	1318
Monaco	T	555	448	448	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	278	214	245	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	277	234	203	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Netherlands	T	115515	117264	117761	119812	122704	125307	122199	124163	128905	128824
	M	63470	64146	64269	64798	65847	66653	64956	65401	67089	66628
	F	52045	53118	53492	55014	56857	58654	57243	58762	61816	62196
Norway	T	41893	41454	42224	42581	44372	43666	44989	45404	45241	46041
	M	22818	22631	22919	23005	23783	23514	24019	23736	23652	23885
	F	19075	18823	19305	19576	20589	20152	20970	21668	21589	22156
Poland	T	328923	334869	349388	364883	381458	376316	378365	370821	381173	388440
	M	177134	178682	185754	192813	202080	199826	200735	198064	204029	209333
	F	151789	156187	163634	172070	179378	176490	177630	172757	177144	179107
Portugal	T	95892	92551	96367	97227	97339	95828	95423	98236	96220	103115
	M	50162	48459	50170	50947	50993	50036	49828	51527	50371	53439
	F	45730	44092	46197	46280	46346	45792	45595	46709	45849	49676
Romania	T	224635	224120	233892	233699	246670	242330	254286	253370 <sup>1</sup>	247306	247086
	M	118687	117421	122552	123170	130178	128461	133404	133593	130465	131824
	F	105948	106699	111340	110529	116492	113869	120882	119777	116841	115262
Spain	T	293386	286655	302569	299409	312532	310413	310073	319437	324796	330959
	M	154437	151048	158375	158515	164834	162961	163891	168734	172364	n.a.
	F	138949	135607	144194	140894	147698	147452	146182	150703	152432	n.a.
Sweden	T	92030	90666	90783	90467	94013	93268	93315	96756	92094	95161
	M	49726	49013	48984	48496	50034	49535	49342	50427	47840	49054
	F	42304	41653	41799	41971	43979	43733	43973	46329	44254	46107
Switzerland	T	59763	59204	60756	58602	59583	60105	59511	60648	60882	63739
	M	31200	30750	31618	30456	30934	30880	30740	31283	31349	32492
	F	28563	28454	29138	28146	28649	29225	28771	29365	29533	31247
United Kingdom	T	657974	646883 <sup>5</sup>	659101	644918	670656	660735	644342	649178	657733	641799
	M	329145	321967	328824	321095	331562	327159	318282	319119	320193	314601
	F	328829	324916	330277	323823	339094	333576	326060	330059	337540	327198
USSR, Former	T	2742101	2723596	2822649	2964921	2947068	2737351	2804785	2888753	2874535	2985158
	M	n.a.	n.a.	n.a.	n.a.	n.a.	1295525	1326462	1369579	1400409	1462389
	F	n.a.	n.a.	n.a.	n.a.	n.a.	1441826	1478323	1519174	1474126	1522769
Yugoslavia	T	201196	203263	218980	214725	212883	213149	214666	213466	215483	212148
	M	106784	108315	116500	113750	112440	112161	112959	113607	113819	112832
	F	94412	94948	102480	100975	100443	100988	101707	99859	101664	99316
<b>OCEANIA:</b>											
Australia	T	109003	114771	110084	109914	118808	114981	117321	119866	124232	120062
	M	60696	63295	60450	59987	64156	62210	63611	65082	66926	64660
	F	48307	51476	49634	49927	54652	52771	53710	54784	57306	55402
Cook Islands	T	107	130	134	102	80	119	128	94	n.a.	n.a.
	M	64	70	83	52	n.a.	n.a.	n.a.	57	n.a.	n.a.
	F	43	60	51	50	n.a.	n.a.	n.a.	37	n.a.	n.a.



**TABLE VI-2 TOTAL NUMBER OF DEATHS FROM ALL CAUSES BY SEX AND COUNTRY, 1981-1990**  
- Concluded

Area & Country		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>OCEANIA (Cont'd):</b>											
Fiji	T	4251	3837	3477	3162	3680	3917	3178	n.a.	n.a.	3604
	M	2467	2250	2011	1899	2204	2300	1890	n.a.	n.a.	n.a.
	F	1784	1587	1466	1263	1476	1617	1288	n.a.	n.a.	n.a.
Guam	T	407	443	461	n.a.	441	451	486	n.a.	n.a.	n.a.
	M	242	251	n.a.	n.a.	289	286	n.a.	n.a.	n.a.	n.a.
	F	165	192	n.a.	n.a.	152	165	n.a.	n.a.	n.a.	n.a.
New Caledonia	T	913	914	830 <sup>1</sup>	775 <sup>1</sup>	874	864	864	n.a.	n.a.	n.a.
	M	567	538	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	346	376	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
New Zealand	T	25147	25547	26007	25383	27484	27052	27430	27407	27044	26531
	M	13672	13834	13986	13773	14534	14533	14472	14567	14332	13971
	F	11475	11713	12021	11610	12950	12519	12958	12840	12712	12560

<sup>1</sup> Provisional statistics prepared by the United Nations Population Division.

<sup>2</sup> Reporting areas only.

<sup>3</sup> Selected urban and rural areas only. They are almost entirely located in the eastern half of the country where the majority of the population is to be found.

<sup>4</sup> Urban areas only.

<sup>5</sup> Data exclude Northern Ireland.

Source: World Health Organization, World Health Statistics Annual 1983 to 1992 (Geneva: World Health Organization, annual editions).



TABLE VI-3 DEATH RATES PER 100,000 POPULATION FROM ALL CAUSES BY COUNTRY, 1981-1990

Area & Country	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>AFRICA:</b>										
Algeria	1108.16	1052.66	845.20	n.a.	631.46	n.a.	699.36	663.96	629.91	603.71
Cape Verde	n.a.	720.60	830.41	878.22	821.32	n.a.	n.a.	n.a.	n.a.	n.a.
Egypt	1039.10	1031.42	938.17	886.38	952.46	955.64	951.12	844.76	n.a.	n.a.
Libyan Arab Jamahiriya	561.57	n.a.	n.a.	n.a.	n.a.	699.86	700.08	699.97	n.a.	n.a.
Mauritius	660.21	643.00	630.94	622.41	655.98	642.91	632.18	636.18	652.82	637.58
Réunion	612.30	588.42	622.39	565.92	557.51	552.25	544.07	570.70	572.15	535.81
Saint Helena	940.00	1000.00	n.a.	766.67	716.67	883.33	666.67	933.33	728.57	500.00
Sao Tome & Principe	n.a.	895.92	n.a.	n.a.	986.11	1139.09	912.50	1132.17	1016.38	n.a.
Seychelles	689.06	754.69	704.69	750.77	720.00	754.55	765.15	752.24	840.30	810.45
Zimbabwe	270.96	268.05	n.a.	n.a.	n.a.	273.89	n.a.	n.a.	n.a.	n.a.
<b>AMERICA:</b>										
Antigua & Barbuda	496.05	532.43	417.33	n.a.	532.89	505.26	478.95	n.a.	n.a.	n.a.
Argentina	843.05	799.83	850.17	850.41	788.57	779.51	796.06	802.15	785.54	n.a.
Bahamas	526.64	541.10	492.86	496.51	560.78	596.19	573.33	538.37	585.94	454.15
Barbados	751.20	689.20	796.81	804.37	840.71	826.09	864.17	855.91	892.94	n.a.
Belize	n.a.	459.48	455.06	483.33	417.47	404.71	385.71	393.33	416.39	n.a.
Bermuda	846.30	689.09	723.64	707.14	751.79	728.07	768.42	676.27	770.00	729.51
Brazil	642.89	615.69	615.28	609.98	580.79	585.25	564.73	584.40	566.56	n.a.
British Virgin Islands	572.73	618.18	508.33	550.00	541.67	683.33	691.67	491.67	592.31	n.a.
Canada	702.58	709.49	703.93	703.53	720.54	726.64	721.99	733.32	727.76	721.62
Cayman Islands	538.89	563.16	525.00	542.86	590.48	586.36	513.04	458.33	469.23	444.44
Chile	616.85	607.07	635.21	626.47	606.62	585.78	562.85	583.90	582.15	595.41
Colombia	628.91	n.a.	510.12	488.98	537.82	501.39	514.50	506.16	478.22	n.a.
Costa Rica	395.86	378.22	377.88	386.57	397.16	384.72	384.29	383.87	385.80	379.63
Cuba	595.86	573.66	589.55	598.37	638.05	619.13	631.77	652.55	640.08	678.43
Dominica	447.37	534.21	453.25	546.84	n.a.	602.47	561.73	523.46	606.10	741.46
Dominican Republic	428.01	444.63	534.00	450.41	433.98	n.a.	n.a.	n.a.	n.a.	n.a.
Ecuador	656.74	615.95	623.26	582.75	545.25	528.22	519.67	516.78	493.19	520.49
El Salvador	817.16	714.48	692.53	603.97	560.65	520.03	544.93	545.66	534.68	537.40
Greenland	750.98	817.31	834.62	828.30	822.64	825.93	824.07	803.64	812.50	n.a.
Guadeloupe	652.74	641.99	656.55	653.51	661.60	628.65	n.a.	n.a.	n.a.	n.a.
Guatemala	1008.69	1043.69	989.29	856.07	872.22	845.33	813.34	746.88	n.a.	n.a.
Guyana	n.a.	n.a.	n.a.	608.27	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Honduras	479.27	467.91	471.75	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Jamaica	622.25	495.94	608.92	601.14	599.74	570.13	n.a.	515.55	n.a.	503.06
Martinique	562.27	560.18	666.77	618.26	635.01	617.01	622.90	597.71	609.27	613.26
Mexico	591.95	561.18	550.23	533.73	527.26	498.40	498.40	496.70	499.28	489.51
Montserrat	975.00	966.67	n.a.	866.67	1033.33	1025.00	n.a.	n.a.	n.a.	n.a.
Netherlands Antilles	470.00	540.68	n.a.	n.a.	n.a.	574.73	575.39	641.58	638.95	640.53
Nicaragua	n.a.	n.a.	949.80	n.a.	n.a.	798.11	315.80	n.a.	n.a.	341.54
Panama	398.80	398.34	406.85	386.60	412.43	401.53	400.40	404.05	403.25	353.76
Paraguay	357.29	366.53	389.48	394.02	364.96	333.46	324.15	n.a.	n.a.	n.a.
Peru	498.12	470.90	502.42	n.a.	478.87	469.30	n.a.	n.a.	403.82	n.a.
Puerto Rico	652.82	656.33	655.44	664.59	706.43	705.89	698.86	725.92	743.70	726.48
St Kitts & Nevis	1022.73	1117.78	1039.13	1068.89	1002.27	1047.73	1074.42	1056.82	1100.00	n.a.
St Lucia	669.05	633.33	598.47	549.25	601.46	602.14	657.75	622.07	561.49	n.a.
St Vincent/Grenadines	742.31	682.86	728.04	648.15	n.a.	590.09	n.a.	630.09	n.a.	n.a.
Suriname	660.56	653.02	n.a.	610.67	593.99	513.33	438.69	n.a.	n.a.	n.a.
Trinidad & Tobago	661.33	684.68	662.51	668.29	681.32	643.73	664.52	663.04	677.08	n.a.
United States	859.83	850.50	861.72	862.79	874.85	874.76	874.39	884.69	869.43	865.06
Uruguay	943.18	920.77	958.69	1003.35	949.37	951.14	982.18	1009.80	962.66	975.78
Venezuela	518.86	483.19	468.01	463.42	458.25	447.54	450.60	442.98	449.80	n.a.



**TABLE VI-3 DEATH RATES PER 100,000 POPULATION FROM ALL CAUSES BY COUNTRY, 1981-1990 - Continued**

Area & Country	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>ASIA:</b>										
Bahrain	300.85	299.20	n.a.	320.15	285.18	321.95	342.58	321.99	317.18	308.55
Bangladesh	1162.90	1200.82	n.a.	n.a.	1201.94	1193.85	1144.09	1127.52	n.a.	n.a.
Brunei-Darussalam	365.28	391.50	344.71	355.56	357.66	319.91	326.92	322.41	332.13	n.a.
China	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	53.19	53.61	64.21	n.a.
Cyprus	829.02	836.97	856.70	801.98	850.08	680.39	722.35	712.65	695.54	848.15
Hong Kong	478.87	481.80	495.75	473.88	464.79	470.45	480.30	481.92	494.29	n.a.
Iran, Islamic Rep Of	170.57	472.26	469.04	405.66	n.a.	384.39	399.79	453.89	368.33	398.48
Israel	657.07	685.40	673.19	668.55	662.15	684.18	669.35	656.82	632.58	621.46
Japan	612.22	600.85	620.28	616.45	622.56	617.83	615.26	646.76	640.27	664.02
Korea, Republic of	559.22	583.50	628.36	618.72	490.28	465.67	466.52	569.97	543.20	n.a.
Kuwait	326.68	333.47	297.25	277.58	275.12	244.72	228.88	n.a.	n.a.	n.a.
Macau	519.50	482.47	n.a.	414.48	373.72	319.04	307.93	327.33	338.39	309.39
Malaysia	436.62	434.09	443.52	440.42	435.99	412.66	394.98	406.86	401.70	468.64
Maldives	1242.41	1306.13	1040.48	947.98	873.37	799.47	782.05	763.00	n.a.	630.23
Pakistan	n.a.	n.a.	n.a.	890.34	872.58	767.39	791.45	808.60	n.a.	n.a.
Philippines	608.00	607.99	628.68	587.35	612.17	583.44	584.51	553.63	435.60	n.a.
Qatar	299.59	308.20	297.41	226.06	265.55	250.48	241.72	201.17	185.75	179.22
Singapore	526.20	521.64	532.37	520.40	521.77	495.71	504.02	517.15	524.17	513.46
Sri Lanka	589.44	607.07	617.33	645.55	619.17	595.25	589.91	582.03	622.34	n.a.
Syria	381.79	n.a.	386.00	322.92	594.03	477.86	470.24	396.00	388.10	272.09
Thailand	504.18	507.92	508.44	444.90	392.85	415.20	436.05	425.63	482.79	450.25
Turkey	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	251.71	n.a.	745.43	n.a.
<b>EUROPE:</b>										
Albania	660.59	594.28	613.67	573.63	580.96	575.90	556.53	542.61	567.93	n.a.
Austria	1225.29	1206.43	1232.66	1171.42	1185.68	1150.97	1121.18	1096.29	1094.87	1074.79
Belgium	1140.13	1140.71	1165.54	1127.07	1123.66	1136.07	1068.15	1057.89	1092.91	1064.68
Bulgaria	1073.46	1124.74	1142.98	1131.78	1199.61	1161.41	1195.11	1195.69	1189.25	1207.96
Czechoslovakia	1175.19	1178.72	1212.58	1189.85	1187.85	1195.56	1150.94	1141.59	1161.59	1173.52
Denmark	1095.59	1076.87	1112.51	1111.85	1135.67	1128.24	1127.27	1142.96	1150.79	1178.77
Finland	927.67	902.88	937.38	924.44	986.23	961.94	972.93	992.52	989.71	1004.55
France	1024.00	996.89	1022.61	987.30	1001.44	987.34	948.17	938.73	942.46	932.32
Germany	1217.36	1205.67	1205.20	1179.11	1197.71	1191.95	1159.70	1152.94	1148.29	1161.02
Gibraltar	770.00	768.97	824.14	868.97	951.72	1000.00	748.28	976.67	706.45	900.00
Greece	886.64	881.97	919.94	893.26	935.03	920.96	958.19	923.70	924.15	930.08
Hungary	1351.35	1350.91	1394.92	1362.74	1395.35	1396.33	1359.92	1341.01	1391.57	1405.31
Iceland	716.88	676.50	697.47	662.76	686.31	657.61	700.81	727.20	677.87	668.24
Ireland	957.24	932.67	941.10	908.93	938.22	951.82	886.40	892.59	913.54	895.52
Isle of Man	1529.69	1535.94	1473.44	1521.88	1658.73	1511.11	1445.31	1479.10	1452.94	n.a.
Italy	964.98	944.46	992.91	937.95	958.04	951.14	929.06	939.10	924.30	934.97
Luxembourg	1139.73	1132.51	1137.43	1119.67	1111.72	1090.76	1095.69	1047.45	1065.78	1006.04
Malta	941.32	954.77	978.05	884.89	867.56	831.69	857.56	787.90	751.28	765.25
Monaco	2134.62	1723.08	1659.26	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Netherlands	810.86	819.45	819.95	830.87	847.17	860.39	833.27	841.33	868.11	861.58
Norway	1021.78	1007.39	1022.87	1028.53	1068.43	1047.90	1074.49	1078.74	1070.29	1085.62
Poland	916.17	924.36	955.37	988.47	1025.34	1004.69	1004.58	979.40	1004.06	1019.02
Portugal	973.03	938.27	974.98	982.29	982.83	967.57	963.87	992.98	973.59	1044.94
Romania	1004.94	997.06	1037.08	1032.92	1085.46	1061.78	1108.48	1099.03	1068.18	1064.70
Spain	777.06	754.95	792.85	781.18	812.32	804.10	800.89	823.10	835.21	849.51
Sweden	1106.13	1089.08	1089.96	1085.13	1125.90	1114.31	1111.16	1146.94	1084.35	1111.82
Switzerland	940.56	926.37	946.50	909.69	920.91	924.12	909.26	919.88	915.93	949.63
United Kingdom	1306.75	1148.87	1169.72	1142.26	1184.53	1164.02	1131.81	1137.61	1149.16	1117.90



**TABLE VI-3 DEATH RATES PER 100,000 POPULATION FROM ALL CAUSES BY COUNTRY, 1981-1990 - Concluded**

Area & Country	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>EUROPE (Cont'd):</b>										
USSR, Former	1024.62	1009.11	1036.34	1078.65	1062.64	977.57	991.69	1012.11	1002.52	1034.38
Yugoslavia	895.36	897.73	960.23	934.97	920.61	915.82	916.71	905.82	909.40	891.04
<b>OCEANIA:</b>										
Australia	730.44	756.17	715.81	706.57	752.52	717.82	721.40	724.79	738.03	702.73
Cook Islands	629.41	764.71	788.24	566.67	444.44	700.00	711.11	522.22	n.a.	n.a.
Fiji	657.03	578.73	517.41	460.93	527.98	548.60	440.78	n.a.	n.a.	493.02
Guam	370.00	399.10	397.41	n.a.	390.27	363.71	385.71	n.a.	n.a.	n.a.
New Caledonia	638.46	634.72	572.41	523.65	578.81	561.04	546.84	n.a.	n.a.	n.a.
New Zealand	804.70	809.47	812.97	786.58	846.44	832.88	836.28	832.53	816.55	792.68

Source: United Nations, Department of International Economic and Social Affairs, Statistical Office, Demographic Yearbook, 1983 to 1991, (New York: United Nations, annual editions); World Health Organization, World Health Statistics Annual 1983 to 1992, (Geneva: World Health Organization, annual editions)



**TABLE VI-4 NUMBER OF DEATHS FROM MOTOR VEHICLE TRAFFIC ACCIDENTS  
BY SEX AND COUNTRY, 1981-1990**

Area & Country		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>AFRICA:</b>											
Egypt	T	n.a.	779	n.a.	n.a.	n.a.	n.a.	3248	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	2575	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	673	n.a.	n.a.	n.a.
Mauritius	T	36	14	2	10	18	17	91	146	145	160
	M	30	12	2	9	15	11	78	122	125	132
	F	6	2	..	1	3	6	13	24	20	28
Sao Tome and Principe	T	n.a.	n.a.	n.a.	n.a.	17	n.a.	6	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Seychelles	T	7	6	n.a.	n.a.	n.a.	n.a.	8 <sup>1</sup>	n.a.	n.a.	n.a.
	M	5	6	n.a.	n.a.	n.a.	n.a.	6	n.a.	n.a.	n.a.
	F	2	..	n.a.	n.a.	n.a.	n.a.	2	n.a.	n.a.	n.a.
Zimbabwe	T	n.a.	n.a.	n.a.	n.a.	n.a.	912	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
<b>AMERICA:</b>											
Argentina	T	3750	3455	3525	3377	2628	3075	3054	2996 <sup>2</sup>	3085 <sup>2</sup>	n.a.
	M	2808	2602	2677	2543	1994	2315	2267	2247	2306	n.a.
	F	942	853	848	834	634	760	787	749	779	n.a.
Bahamas	T	22	44	42	n.a.	36 <sup>3</sup>	n.a.	47	n.a.	n.a.	n.a.
	M	17	n.a.	33	n.a.	23	n.a.	33	n.a.	n.a.	n.a.
	F	5	n.a.	9	n.a.	13	n.a.	14	n.a.	n.a.	n.a.
Barbados	T	22	19	31	24	29	24	n.a.	28	n.a.	n.a.
	M	18	15	25	20	n.a.	19	n.a.	23	n.a.	n.a.
	F	4	4	6	4	n.a.	5	n.a.	5	n.a.	n.a.
Belize	T	n.a.	12	..	12	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	8	..	10	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	4	..	2	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Bermuda	T	11	n.a.	11	4	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Brazil	T	n.a.	n.a.	20051	21928 <sup>4</sup>	24286 <sup>4</sup>	29551 <sup>4</sup>	27611	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	17180	18876	22993	21551	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	4748	5410	6558	6060	n.a.	n.a.	n.a.
Canada	T	5295	4073	4156	3973	4099	3922	4180	3971	4210	3645
	M	3935	2934	3014	2861	2873	2758	2970	2852	2914	2543
	F	1360	1139	1142	1112	1226	1164	1210	1119	1296	1102
Cayman Islands	T	n.a.	13	6	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Chile	T	1446	1167	972	872	779	796	879	889 <sup>2</sup>	941 <sup>2</sup>	n.a.
	M	1148	920	791	719	649	650	716	728	786	n.a.
	F	298	247	181	153	130	146	163	161	155	n.a.
Colombia	T	5040	n.a.	n.a.	4613	4577	4111	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	3620	3530	3188	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	993	1047	923	n.a.	n.a.	n.a.	n.a.



**TABLE VI-4 NUMBER OF DEATHS FROM MOTOR VEHICLE TRAFFIC ACCIDENTS  
BY SEX AND COUNTRY, 1981-1990 - Continued**

Area & Country		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>AMERICA:</b>											
Costa Rica	T	292	285	200	311	365	344	391	352	389 <sup>2</sup>	n.a.
	M	241	236	156	243	305	276	317	276	315	n.a.
	F	51	49	44	68	60	68	74	76	74	n.a.
Dominica	T	5	5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	5	5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	..	..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dominican Republic	T	n.a.	541	n.a.	538	557	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	430	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	111	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Ecuador	T	1969	1887	n.a.	1770	1704	1721	1729	2037	1909	2049
	M	n.a.	1477	n.a.	1338	1309	1322	1323	1599	1500	1571
	F	n.a.	410	n.a.	432	395	399	406	438	409	478
El Salvador	T	851	679	724	713	n.a.	n.a.	n.a.	n.a.	n.a.	1088
	M	629	540	554	536	n.a.	n.a.	n.a.	n.a.	n.a.	856
	F	222	139	170	177	n.a.	n.a.	n.a.	n.a.	n.a.	232
Greenland	T	4	3	2	6	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Guatemala	T	916	n.a.	n.a.	112	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	716	n.a.	n.a.	84	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	200	n.a.	n.a.	28	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Guyana	T	n.a.	n.a.	n.a.	2	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	2	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Jamaica	T	n.a.	n.a.	84 <sup>2</sup>	50	37 <sup>2</sup>	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	67	32	24	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	17	18	13	n.a.	n.a.	n.a.	n.a.	n.a.
Martinique	T	6	24	n.a.	n.a.	49	n.a.	43	n.a.	n.a.	n.a.
	M	6	16	n.a.	n.a.	37	n.a.	n.a.	n.a.	n.a.	n.a.
	F	..	8	n.a.	n.a.	12	n.a.	n.a.	n.a.	n.a.	n.a.
Mexico	T	17242	15722	14262	n.a.	12320	12288 <sup>2</sup>	12141 <sup>2</sup>	12712 <sup>2</sup>	13662 <sup>2</sup>	13926
	M	13409	12396	11276	n.a.	9872	9772	9727	10122	10780	11002
	F	3833	3326	2986	n.a.	2448	2516	2414	2590	2882	2924
Netherlands Antilles	T	13	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	12	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Nicaragua	T	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	337
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	267
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	70
Panama	T	347	377	352	346	344	368	388	317	320	n.a.
	M	274	291	274	274	285	294	320	240	262	n.a.
	F	73	86	78	72	59	74	68	77	58	n.a.
Paraguay	T	215	207	178	201	206 <sup>4</sup>	241 <sup>4</sup>	225 <sup>4</sup>	n.a.	n.a.	n.a.
	M	n.a.	155	142	141	166	174	166	n.a.	n.a.	n.a.
	F	n.a.	52	36	60	40	67	59	n.a.	n.a.	n.a.



**TABLE VI-4 NUMBER OF DEATHS FROM MOTOR VEHICLE TRAFFIC ACCIDENTS  
BY SEX AND COUNTRY, 1981-1990 - Continued**

Area & Country		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>AMERICA (Cont'd):</b>											
Peru	T	n.a.	n.a.	1253	n.a.	n.a.	1181	n.a.	n.a.	809	n.a.
	M	n.a.	n.a.	965	n.a.	n.a.	882	n.a.	n.a.	579	n.a.
	F	n.a.	n.a.	288	n.a.	n.a.	299	n.a.	n.a.	230	n.a.
Puerto Rico	T	512	487	533	559	593	618	652	630	577	548 <sup>2</sup>
	M	n.a.	397	420	443	475	495	511	513	459	434
	F	n.a.	90	113	116	118	123	141	117	118	114
St Kitts & Nevis	T	1	1	..	1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	1	..	..	1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	..	1	..	..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
St Lucia	T	17	n.a.	n.a.	n.a.	n.a.	n.a.	24 <sup>5</sup>	n.a.	n.a.	n.a.
	M	12	n.a.	n.a.	n.a.	n.a.	n.a.	19	n.a.	n.a.	n.a.
	F	5	n.a.	n.a.	n.a.	n.a.	n.a.	5	n.a.	n.a.	n.a.
St Vincent/ Grenadines	T	n.a.	n.a.	4	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	4	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Suriname	T	55	69	n.a.	54	68	46	35	n.a.	n.a.	n.a.
	M	42	57	n.a.	43	54	36	22	n.a.	n.a.	n.a.
	F	13	12	n.a.	11	14	10	13	n.a.	n.a.	n.a.
Trinidad and Tobago	T	159	236	190	214	213 <sup>2</sup>	194	176	124	130 <sup>2</sup>	n.a.
	M	130	188	142	171	172	154	157	101	110	n.a.
	F	29	48	48	43	41	40	19	23	20	n.a.
United States	T	50196	44713	43428	45208	44822	46867	47297	48024	46586	n.a.
	M	36627	32383	31129	32152	31592	33315	33148	33461	31955	n.a.
	F	13569	12330	12299	13056	13230	13552	14149	14563	14631	n.a.
Uruguay	T	n.a.	322	296	269	250	286	290	378	477	375
	M	n.a.	243	214	193	191	206	224	273	353	265
	F	n.a.	79	82	76	59	80	66	105	124	110
Venezuela	T	5031	n.a.	4801	n.a.	3947	4343	4371	4296 <sup>2</sup>	3905 <sup>2</sup>	n.a.
	M	4104	n.a.	3906	n.a.	3155	3477	3511	3410	3124	n.a.
	F	927	n.a.	895	n.a.	792	866	860	886	781	n.a.
<b>ASIA:</b>											
Bahrain	T	n.a.	n.a.	n.a.	n.a.	25	n.a.	52	38	n.a.	n.a.
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	38	33	n.a.	n.a.
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	14	5	n.a.	n.a.
Brunei- Darussalam	T	n.a.	n.a.	42	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	35	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	7	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
China	T	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	8368 <sup>6</sup>	8746 <sup>6</sup>	10869 <sup>6</sup>	n.a.
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	5909	6022	7611	n.a.
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	2459	2724	3258	n.a.
Hong Kong	T	478	437	335	294	291	306	283	294	309	n.a.
	M	311	n.a.	n.a.	178	179	186	174	172	202	n.a.
	F	167	n.a.	n.a.	116	112	120	109	122	107	n.a.
Iran, Islamic Rep of	T	2874 <sup>7</sup>	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	2250	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	624	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.



**TABLE VI-4 NUMBER OF DEATHS FROM MOTOR VEHICLE TRAFFIC ACCIDENTS  
BY SEX AND COUNTRY, 1981-1990 - Continued**

Area & Country		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>ASIA (Cont'd):</b>											
Israel	T	396	385	436	413	400	419	463	439	439	n.a.
	M	285	272	303	289	268	296	325	300	304	n.a.
	F	111	113	133	124	132	123	138	139	135	n.a.
Japan	T	11671	12139	12708	12213	12456	12245	12374	13420	14276	14398
	M	8710	9136	9438	9194	9306	9121	9089	9855	10403	10345
	F	2961	3003	3270	3019	3150	3124	3285	3565	3873	4053
Korea, Republic of	T	n.a.	n.a.	n.a.	n.a.	5756	6058	7326	7582	10327	n.a.
	M	n.a.	n.a.	n.a.	n.a.	4297	4673	5519	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	n.a.	1459	1385	1807	n.a.	n.a.	n.a.
Kuwait	T	461	535	416	n.a.	464	350	343	n.a.	n.a.	n.a.
	M	378	444	355	n.a.	394	287	293	n.a.	n.a.	n.a.
	F	83	91	61	n.a.	70	63	50	n.a.	n.a.	n.a.
Macau	T	13	n.a.	n.a.	n.a.	n.a.	n.a.	17	n.a.	n.a.	11
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Qatar	T	n.a.	122	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	101	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	21	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Singapore	T	281	n.a.	323	343	292	265	233	242 <sup>2</sup>	226	246
	M	222	n.a.	252	285	237	220	180	198	187	198
	F	59	n.a.	71	58	55	45	53	44	39	48
Sri Lanka	T	799	n.a.	981	893	627	433	n.a.	n.a.	n.a.	n.a.
	M	608	n.a.	826	725	485	357	n.a.	n.a.	n.a.	n.a.
	F	191	n.a.	155	168	142	76	n.a.	n.a.	n.a.	n.a.
Syrian Arab Rep	T	155	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	132	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	23	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Thailand	T	6567	6355	6322	5655	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	5083	n.a.	n.a.	4357	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	1484	n.a.	n.a.	1298	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Turkey	T	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	2145 <sup>4</sup>	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	1625	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	520	n.a.	n.a.	n.a.
<b>EUROPE:</b>											
Austria	T	1834	1875	1954	1816	1518	1426	1422	1465	1460	1408
	M	1404	1416	1461	1394	1138	1054	1054	1063	1094	1046
	F	430	459	493	422	380	372	368	402	366	362
Belgium	T	2287	2178	2271	1959	n.a.	2057	1937	n.a.	n.a.	n.a.
	M	n.a.	1571	1627	1467	n.a.	1505	1401	n.a.	n.a.	n.a.
	F	n.a.	607	644	492	n.a.	552	536	n.a.	n.a.	n.a.
Bulgaria	T	1157	1223	989	1124	1093	1051	1107	1057	1173	1409
	M	854	902	756	845	827	770	822	784	857	1092
	F	303	321	233	279	266	281	285	273	316	317
Czechoslovakia	T	1950	1668	1757	1569	1662	1525	1504	1643	1746	2127
	M	1418	1265	1269	1179	1232	1131	1112	1191	1290	1582
	F	532	403	488	390	430	394	392	452	456	545



**TABLE VI-4 NUMBER OF DEATHS FROM MOTOR VEHICLE TRAFFIC ACCIDENTS  
BY SEX AND COUNTRY, 1981-1990 - Continued**

Area & Country		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>EUROPE (Cont'd):</b>											
Denmark	T	679	663	667	662	763	728	686	723	648	617
	M	478	470	467	444	567	515	445	496	467	424
	F	201	193	200	218	196	213	241	227	181	193
Finland	T	577	557	609	522	537	604	537	627	720	628
	M	415	380	409	356	375	409	349	429	499	429
	F	162	177	200	166	162	195	188	198	221	199
France	T	11033	11035	10990	10973	9991	10340	9378	10165	10198	10006
	M	8047	8099	8006	8010	7164	7491	6803	7379	7430	7316
	F	2986	2936	2984	2963	2827	2849	2575	2786	2768	2690
Germany	T	11255 <sup>8</sup>	12959	13177	11704	9781	10338	9297	9751	9524	10578
	M	8095	9248	9308	8147	6939	7259	6613	6877	6741	7469
	F	3160	3711	3869	3557	2842	3079	2684	2874	2783	3109
Gibraltar	T	n.a.	2	1	2	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	2	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Greece	T	1482	1925	2068	2091	2047	1929	1869	1863	2066	2247
	M	1127	1441	1593	1565	1530	1456	1417	1378	1570	1686
	F	355	484	475	526	517	473	452	485	496	561
Hungary	T	1658	1636	1654	1636	1824	1719	1688	1811	2289	2609
	M	1259	1249	1209	1245	1336	1266	1246	1307	1648	1929
	F	399	387	445	391	488	453	442	504	641	680
Iceland	T	24	25	21	24	25	25	26	31	22	25
	M	17	17	12	17	20	17	18	22	11	17
	F	7	8	9	7	5	8	8	9	11	8
Ireland	T	614	541	538	499	471	422	444	458	456	456
	M	460	411	392	353	352	331	325	345	338	335
	F	154	130	146	146	119	91	119	113	118	121
Isle of Man	T	14	n.a.	1	14	13	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	12	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	2	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Italy	T	10349	9887	9851	9124	9066	9329	8996	8885	8717	n.a.
	M	7918	7522	7581	6975	6912	7109	6785	6773	6811	n.a.
	F	2431	2365	2270	2149	2154	2220	2211	2112	1906	n.a.
Luxembourg	T	102	78	93	71	84	78	76	90	69	68
	M	77	54	69	59	63	61	63	68	55	50
	F	25	24	24	12	21	17	13	22	14	18
Malta	T	21	19	20	6	12	21	17	14	16	6
	M	15	16	17	4	8	15	14	11	12	4
	F	6	3	3	2	4	6	3	3	4	2
Monaco	T	..	2	..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	..	n.a.	..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	..	n.a.	..	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Netherlands	T	1738	1670	1689	1625	1423	1491	1397	1316	1401	1290
	M	1268	1177	1211	1177	1040	1057	980	907	969	905
	F	470	493	478	448	383	434	417	409	432	385



**TABLE VI-4 NUMBER OF DEATHS FROM MOTOR VEHICLE TRAFFIC ACCIDENTS  
BY SEX AND COUNTRY, 1981-1990 - Continued**

Area & Country		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>EUROPE (Cont'd):</b>											
Norway	T	390	427	428	445	434	469	405	363	387	335
	M	281	308	302	330	311	335	288	257	279	259
	F	109	119	126	115	123	134	117	106	108	76
Poland	T	n.a.	n.a.	5953	5393	5156	5149	5118	5440	7452	8266
	M	n.a.	n.a.	4659	4307	4033	4004	4004	4309	5845	6587
	F	n.a.	n.a.	1294	1086	1123	1145	1114	1131	1607	1679
Portugal	T	3340	3214	3051	2731	2597	2506	2689	2824	2795	2784
	M	2661	2580	2408	2172	2096	1951	2065	2237	2205	2178
	F	679	634	643	559	501	555	624	587	590	606
Romania	T	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	2188	4386
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	1619	3311
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	569	1075
Spain	T	5697	4746	5176	5572	5670	6212	6681	7398	8218	n.a.
	M	4252	3571	3918	4176	4300	4672	5055	5645	6276	n.a.
	F	1445	1175	1258	1396	1370	1540	1626	1753	1942	n.a.
Sweden	T	839	801	804	833	836	858	764	809	857	n.a.
	M	586	557	572	610	570	619	546	557	597	n.a.
	F	253	244	232	223	266	239	218	252	260	n.a.
Switzerland	T	1161	1202	1180	1109	924	1032	971	957	939	930
	M	851	881	857	825	671	783	729	712	717	699
	F	310	321	323	284	253	249	242	245	222	231
United Kingdom	T	4763 <sup>a</sup>	5972 <sup>a</sup>	5898	5793	5636	5621	5558	5260	5541	5628
	M	3412	4200	4161	4113	3937	3977	3893	3726	3880	4009
	F	1351	1772	1737	1680	1699	1644	1665	1534	1661	1619
USSR, Former	T	n.a.	n.a.	n.a.	n.a.	n.a.	36049	37791	51335	63172	66092
	M	n.a.	n.a.	n.a.	n.a.	n.a.	26800	28349	39749	49572	51564
	F	n.a.	n.a.	n.a.	n.a.	n.a.	9249	9442	11586	13600	14528
Yugoslavia	T	5030	4772	4429	4285	3876	4165	3657	3626	3692	3970
	M	3917	3723	3475	3357	3047	3264	2836	2759	2819	3095
	F	1113	1049	954	928	829	901	821	867	873	875
<b>OCEANIA:</b>											
Australia	T	3287	3364	2831	2714	2933	2987	2783	3078	n.a.	n.a.
	M	2430	2492	2058	1933	2083	2132	1995	2176	n.a.	n.a.
	F	857	872	773	781	850	855	788	902	n.a.	n.a.
Fiji	T	55	n.a.	38	22	89	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	17	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Guam	T	19	9	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	6	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
New Zealand	T	683	709	625	681	737	762	815	725	766	n.a.
	M	458	522	442	496	508	554	555	524	529	n.a.
	F	225	187	183	185	229	208	260	201	237	n.a.



**TABLE VI-4 NUMBER OF DEATHS FROM MOTOR VEHICLE TRAFFIC ACCIDENTS  
BY SEX AND COUNTRY, 1981-1990 - Concluded**

<sup>1</sup> Estimated figures, based on the average of deaths over the period 1985-1987, prepared by the United Nations Population Division.

<sup>2</sup> Provisional statistics prepared by the United Nations Population Division.

<sup>3</sup> Estimated figures, based on the average of deaths over the period 1984-1985, prepared by the United Nations Population Division.

<sup>4</sup> Reporting areas only.

<sup>5</sup> Average of deaths over the period 1986-1988.

<sup>6</sup> Selected urban and rural areas only. They are almost entirely located in the eastern half of the country where the majority of the population is to be found.

<sup>7</sup> Urban areas only.

<sup>8</sup> Former Federal Republic of Germany only.

<sup>9</sup> Data exclude Northern Ireland.

Source: World Health Organization, World Health Statistics Annual 1983 to 1992 (Geneva: World Health Organization, annual editions).



**TABLE VI-5 DEATH RATES PER 100,000 POPULATION FROM MOTOR VEHICLE TRAFFIC ACCIDENTS BY COUNTRY, 1981-1990**

Area & Country	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>AFRICA:</b>										
Egypt	n.a.	1.82	n.a.	n.a.	n.a.	n.a.	6.63	n.a.	n.a.	n.a.
Mauritius	3.71	1.41	0.20	0.97	1.76	1.65	8.74	13.87	13.63	14.88
Sao Tome & Principe	n.a.	n.a.	n.a.	n.a.	15.74	n.a.	5.36	n.a.	n.a.	n.a.
Seychelles	10.94	9.38	n.a.	n.a.	n.a.	n.a.	12.12	n.a.	n.a.	n.a.
Zimbabwe	n.a.	n.a.	n.a.	n.a.	n.a.	10.85	n.a.	n.a.	n.a.	n.a.
<b>AMERICA:</b>										
Argentina	13.07	11.88	11.95	11.29	8.66	10.00	9.81	9.50	9.66	n.a.
Bahamas	10.28	20.09	18.75	n.a.	15.52	n.a.	19.58	n.a.	n.a.	n.a.
Barbados	8.80	7.60	12.35	9.52	11.46	9.49	n.a.	11.02	n.a.	n.a.
Belize	n.a.	7.84	n.a.	7.41	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Bermuda	20.37	n.a.	20.00	7.14	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Brazil	n.a.	n.a.	15.45	16.53	17.91	21.34	19.52	n.a.	n.a.	n.a.
Canada	21.75	16.57	16.77	15.91	16.29	15.47	16.32	15.33	16.04	13.70
Cayman Islands	n.a.	68.42	30.00	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Chile	12.77	10.13	8.30	7.32	6.43	6.46	7.01	6.97	7.26	n.a.
Colombia	19.07	n.a.	n.a.	16.44	15.99	14.08	n.a.	n.a.	n.a.	n.a.
Costa Rica	12.86	11.76	8.01	12.11	13.82	12.67	14.06	12.35	13.31	n.a.
Dominica	6.58	6.58	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dominican Republic	n.a.	9.05	n.a.	8.58	8.68	n.a.	n.a.	n.a.	n.a.	n.a.
Ecuador	23.55	21.93	n.a.	19.42	18.17	17.84	17.42	19.96	18.20	21.24
El Salvador	18.55	14.56	15.33	14.92	n.a.	n.a.	n.a.	n.a.	n.a.	20.72
Greenland	7.84	5.77	3.85	11.32	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Guatemala	12.88	n.a.	n.a.	1.45	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Guyana	n.a.	n.a.	n.a.	0.25	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Jamaica	n.a.	n.a.	3.75	2.19	1.60	n.a.	n.a.	n.a.	n.a.	n.a.
Martinique	1.84	7.29	n.a.	n.a.	14.54	n.a.	n.a.	n.a.	n.a.	n.a.
Mexico	24.20	21.53	19.10	n.a.	15.81	15.44	14.95	15.35	16.17	16.16
Netherlands Antilles	6.84	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Nicaragua	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	8.71
Panama	17.35	18.44	16.85	16.21	15.78	16.52	17.06	13.65	13.50	n.a.
Paraguay	6.62	6.16	5.13	5.61	5.58	6.33	5.74	n.a.	n.a.	n.a.
Peru	n.a.	n.a.	6.75	n.a.	n.a.	5.95	n.a.	n.a.	3.83	n.a.
Puerto Rico	15.77	14.92	16.32	17.09	18.06	18.65	19.03	18.21	16.51	15.23
St Kitts & Nevis	2.27	2.22	n.a.	2.22	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
St Lucia	13.49	n.a.	n.a.	n.a.	n.a.	n.a.	16.90	n.a.	n.a.	n.a.
St Vincent, Grenadines	n.a.	n.a.	3.74	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Suriname	15.49	18.96	n.a.	14.40	17.75	11.79	8.79	n.a.	n.a.	n.a.
Trinidad & Tobago	14.30	21.15	16.68	18.29	18.08	16.22	14.52	10.23	10.72	n.a.
United States	21.82	19.26	18.53	19.13	18.79	19.47	19.48	19.60	18.83	n.a.
Uruguay	n.a.	10.91	9.97	9.00	8.31	9.45	9.53	12.35	15.50	12.11
Venezuela	32.49	n.a.	29.29	n.a.	22.79	24.78	24.32	23.32	20.69	n.a.
<b>ASIA:</b>										
Bahrain	n.a.	n.a.	n.a.	n.a.	6.12	n.a.	11.35	8.03	n.a.	n.a.
Brunei Darussalam	n.a.	n.a.	20.19	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
China	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0.77	0.79	0.97	n.a.
Hong Kong	9.22	8.30	6.27	5.45	5.33	5.53	5.04	5.18	5.36	n.a.
Iran, Islamic Rep Of	7.09	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Israel	10.03	9.56	10.62	9.93	9.45	9.75	10.60	9.88	9.72	n.a.
Japan	9.92	10.25	10.65	10.17	10.31	10.08	10.14	10.95	11.59	11.65
Korea, Republic Of	n.a.	n.a.	n.a.	n.a.	14.11	14.71	17.62	18.06	24.37	n.a.
Kuwait	32.19	35.74	26.56	n.a.	27.10	19.54	18.31	n.a.	n.a.	n.a.



**TABLE VI-5 DEATH RATES PER 100,000 POPULATION FROM MOTOR VEHICLE TRAFFIC ACCIDENTS BY COUNTRY, 1981-1990 - Concluded**

Area & Country	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>ASIA (Cont'd):</b>										
Macau	4.61	n.a.	n.a.	n.a.	n.a.	n.a.	3.96	n.a.	n.a.	2.30
Qatar	n.a.	47.66	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Singapore	11.50	n.a.	12.91	13.56	11.42	10.25	8.92	9.14	8.42	9.09
Sri Lanka	5.32	n.a.	6.36	5.72	3.96	2.69	n.a.	n.a.	n.a.	n.a.
Syria	1.72	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Thailand	13.83	13.05	12.73	11.17	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Turkey	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	4.03	n.a.	n.a.	n.a.
<b>EUROPE</b>										
Austria	24.24	24.77	25.89	24.05	20.09	18.85	18.78	19.29	19.17	18.24
Belgium	23.21	22.10	23.04	19.88	n.a.	20.86	19.63	n.a.	n.a.	n.a.
Bulgaria	13.01	13.72	11.06	12.54	12.20	11.73	12.34	11.77	13.05	15.67
Czechoslovakia	12.73	10.85	11.40	10.15	10.72	9.82	9.66	10.53	11.17	13.58
Denmark	13.26	12.95	13.04	12.95	14.92	14.22	13.38	14.09	12.62	12.00
Finland	12.02	11.54	12.54	10.69	10.95	12.28	10.89	12.68	14.50	12.60
France	20.36	20.26	20.08	19.97	18.11	18.67	16.86	18.19	18.16	17.73
Germany	14.36	16.55	16.88	15.04	12.60	13.32	11.96	12.48	12.11	13.33
Gibraltar	n.a.	6.90	3.45	6.90	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Greece	15.23	19.66	21.00	21.13	20.61	19.36	18.72	18.62	20.59	22.20
Hungary	15.48	15.31	15.52	15.41	17.24	16.32	16.10	17.34	22.01	25.17
Iceland	10.39	10.68	8.86	10.04	10.37	10.29	10.57	12.40	8.70	9.80
Ireland	17.85	15.55	15.35	14.14	13.31	11.92	12.53	12.95	12.97	13.02
Isle of Man	21.88	n.a.	1.56	21.88	20.63	n.a.	n.a.	n.a.	n.a.	n.a.
Italy	18.31	17.46	17.33	16.01	15.87	16.30	15.69	15.47	15.15	n.a.
Luxembourg	27.95	21.31	25.41	19.40	22.89	21.20	20.49	24.13	18.30	17.85
Malta	6.29	5.85	6.10	1.81	3.57	6.10	4.94	4.03	4.56	1.69
Monaco	n.a.	7.69	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Netherlands	12.20	11.67	11.76	11.27	9.82	10.24	9.53	8.92	9.43	8.63
Norway	9.51	10.38	10.37	10.75	10.45	11.26	9.67	8.62	9.16	7.90
Poland	n.a.	n.a.	16.28	14.61	13.86	13.75	13.59	14.37	19.63	21.68
Portugal	33.89	32.58	30.87	27.59	26.22	25.30	27.16	28.55	28.28	28.21
Romania	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	9.45	18.90
Spain	15.09	12.50	13.56	14.54	14.74	16.09	17.26	19.06	21.13	n.a.
Sweden	10.08	9.62	9.65	9.99	10.01	10.25	9.10	9.59	10.09	n.a.
Switzerland	18.27	18.81	18.38	17.22	14.28	15.87	14.84	14.52	14.13	13.86
United Kingdom	9.46	10.61	10.47	10.26	9.95	9.90	9.76	9.22	9.68	9.80
USSR, Former	n.a.	n.a.	n.a.	n.a.	n.a.	12.87	13.36	17.99	22.03	22.90
Yugoslavia	22.38	21.08	19.42	18.66	16.76	17.90	15.62	15.39	15.58	16.67
<b>OCEANIA</b>										
Australia	22.03	22.16	18.41	17.45	18.58	18.65	17.11	18.61	n.a.	n.a.
Fiji	8.50	n.a.	5.65	3.21	12.77	n.a.	n.a.	n.a.	n.a.	n.a.
Guam	17.27	8.11	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
New Zealand	21.86	22.47	19.54	21.10	22.70	23.46	24.85	22.02	23.13	n.a.

Source: United Nations, Department of International Economic and Social Affairs, Statistical Office, Demographic Yearbook 1983 to 1991 (New York: United Nations, annual editions); World Health Organization, World Health Statistics Annual 1983 to 1992 (Geneva: World Health Organization, annual editions)



**TABLE VI-6 NUMBER OF DEATHS FROM SUICIDE AND SELF-INFLICTED INJURY  
BY SEX AND COUNTRY, 1981-1990**

Area & Country		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>AFRICA:</b>											
Egypt	T	n.a.	218	n.a.	n.a.	n.a.	n.a.	22	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	14	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	8	n.a.	n.a.	n.a.
Mauritius	T	19	13	18	118	104	28	140	167	144	147
	M	9	10	8	67	68	20	87	111	107	91
	F	10	3	10	51	36	8	53	56	37	56
Saint Helena	T	n.a.	1	n.a.	2	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	2	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Sao Tome and Principe	T	n.a.	n.a.	n.a.	n.a.	2	n.a.	1	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Seychelles	T	2	1	n.a.	n.a.	n.a.	n.a.	4 <sup>1</sup>	n.a.	n.a.	n.a.
	M	1	1	n.a.	n.a.	n.a.	n.a.	4	n.a.	n.a.	n.a.
	F	1	-	n.a.	n.a.	n.a.	n.a.	-	n.a.	n.a.	n.a.
Zimbabwe	T	n.a.	n.a.	n.a.	n.a.	n.a.	629	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
<b>AMERICA:</b>											
Argentina	T	2217	2025	1876	1892	2021	2301	2308	2371 <sup>2</sup>	2270 <sup>2</sup>	n.a.
	M	1674	1525	1346	1410	1477	1654	1617	1703	1657	n.a.
	F	543	500	530	482	544	647	691	668	613	n.a.
Bahamas	T	1	1	5	n.a.	5 <sup>3</sup>	n.a.	3	n.a.	n.a.	n.a.
	M	1	1	4	n.a.	4	n.a.	3	n.a.	n.a.	n.a.
	F	-	-	1	n.a.	1	n.a.	-	n.a.	n.a.	n.a.
Barbados	T	7	2	9	5	7	8	n.a.	12	n.a.	n.a.
	M	7	2	9	3	n.a.	7	n.a.	11	n.a.	n.a.
	F	-	-	-	2	n.a.	1	n.a.	1	n.a.	n.a.
Belize	T	n.a.	-	-	3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	-	-	3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	-	-	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Bermuda	T	n.a.	n.a.	3	4	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	4	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Brazil	T	n.a.	4584	n.a.	4431 <sup>4</sup>	4250 <sup>4</sup>	4307 <sup>4</sup>	4698	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	3274	3177	3140	3527	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	1157	1073	1167	1171	n.a.	n.a.	n.a.
Canada	T	3403	3523	3755	3440	3259	3670	3594	3510	3492	3379
	M	2570	2726	2885	2661	2566	2850	2794	2734	2696	2673
	F	833	797	870	779	693	820	800	776	796	706
Chile	T	651	646	662	736	683	655	693	697 <sup>2</sup>	725 <sup>2</sup>	n.a.
	M	537	563	560	631	572	533	568	580	626	n.a.
	F	114	83	102	105	111	122	125	117	99	n.a.
Colombia	T	915	n.a.	n.a.	1070	1010	976	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	844	792	754	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	226	218	222	n.a.	n.a.	n.a.	n.a.



**TABLE VI-6 NUMBER OF DEATHS FROM SUICIDE AND SELF-INFLICTED INJURY  
BY SEX AND COUNTRY, 1981-1990 - Continued**

Area & Country		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>AMERICA: (Cont'd)</b>											
Costa Rica	T	97	90	132	113	129	131	120	143	170 <sup>2</sup>	n.a.
	M	77	71	113	94	113	118	98	124	139	n.a.
	F	20	19	19	19	16	13	22	19	31	n.a.
Dominica	T	-	4	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	-	4	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	-	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dominican Republic	T	n.a.	133	n.a.	149	133	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	107	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	26	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Ecuador	T	300	374	n.a.	393	395	380	391	467	431	450
	M	n.a.	222	n.a.	254	280	249	260	325	267	296
	F	n.a.	152	n.a.	139	115	131	131	142	164	154
El Salvador	T	484	550	610	565	n.a.	n.a.	n.a.	n.a.	n.a.	582
	M	369	422	439	401	n.a.	n.a.	n.a.	n.a.	n.a.	384
	F	115	128	171	164	n.a.	n.a.	n.a.	n.a.	n.a.	198
Greenland	T	34	48	71	58	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	49	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	9	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Guatemala	T	39	n.a.	n.a.	40	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	36	n.a.	n.a.	36	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	3	n.a.	n.a.	4	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Guyana	T	n.a.	n.a.	n.a.	13	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	8	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Jamaica	T	n.a.	n.a.	7 <sup>2</sup>	4	8 <sup>2</sup>	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	3	3	6	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	4	1	2	n.a.	n.a.	n.a.	n.a.	n.a.
Martinique	T	37	27	n.a.	n.a.	12	n.a.	44	n.a.	n.a.	n.a.
	M	30	20	n.a.	n.a.	7	n.a.	n.a.	n.a.	n.a.	n.a.
	F	7	7	n.a.	n.a.	5	n.a.	n.a.	n.a.	n.a.	n.a.
Mexico	T	1190	1183	1041	n.a.	1566	1728 <sup>2</sup>	1723 <sup>2</sup>	1716 <sup>2</sup>	1876 <sup>2</sup>	1938
	M	927	924	831	n.a.	1297	1457	1433	1436	1586	1657
	F	263	259	210	n.a.	269	271	290	280	290	281
Netherlands Antilles	T	5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	4	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Nicaragua	T	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	92
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	64
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	28
Panama	T	37	35	39	29	56	83	86	87	70	n.a.
	M	31	30	32	24	44	68	65	66	61	n.a.
	F	6	5	7	5	12	15	21	21	9	n.a.
Paraguay	T	45	50	61	54	64 <sup>4</sup>	57 <sup>4</sup>	64 <sup>4</sup>	n.a.	n.a.	n.a.
	M	n.a.	36	42	37	36	34	39	n.a.	n.a.	n.a.
	F	n.a.	14	19	17	28	23	25	n.a.	n.a.	n.a.
Peru	T	n.a.	n.a.	99	n.a.	n.a.	147	n.a.	n.a.	106	n.a.
	M	n.a.	n.a.	69	n.a.	n.a.	95	n.a.	n.a.	64	n.a.
	F	n.a.	n.a.	30	n.a.	n.a.	52	n.a.	n.a.	42	n.a.



**TABLE VI-6 NUMBER OF DEATHS FROM SUICIDE AND SELF-INFLICTED INJURY  
BY SEX AND COUNTRY, 1981-1990 - Continued**

Area & Country		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>AMERICA (Cont'd):</b>											
Puerto Rico	T	302	300	328	300	269	310	272	314	327	371
	M	n.a.	259	288	267	234	272	234	284	292	333
	F	n.a.	41	40	33	35	38	38	30	35	38
St Kitts & Nevis	T	1	-	-	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	1	-	-	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	-	-	-	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
St Lucia	T	1	n.a.	n.a.	n.a.	n.a.	n.a.	9 <sup>5</sup>	n.a.	n.a.	n.a.
	M	1	n.a.	n.a.	n.a.	n.a.	n.a.	7	n.a.	n.a.	n.a.
	F	-	n.a.	n.a.	n.a.	n.a.	n.a.	2	n.a.	n.a.	n.a.
Suriname	T	52	64	n.a.	104	81	42	52	n.a.	n.a.	n.a.
	M	33	42	n.a.	80	59	30	40	n.a.	n.a.	n.a.
	F	19	22	n.a.	24	22	12	12	n.a.	n.a.	n.a.
Trinidad and Tobago	T	58	78	99	75	29 <sup>2</sup>	104	119	164	173 <sup>2</sup>	n.a.
	M	42	57	71	56	24	69	92	118	132	n.a.
	F	16	21	28	19	5	35	27	46	41	n.a.
United States	T	27596	28242	28295	29286	29453	30904	30796	30407	30232	n.a.
	M	20809	21625	21786	22689	23145	24226	24272	24078	24102	n.a.
	F	6787	6617	6509	6597	6308	6678	6524	6329	6130	n.a.
Uruguay	T	n.a.	322	326	334	288	265	260	269	345	318
	M	n.a.	261	273	268	236	207	194	213	276	251
	F	n.a.	61	53	66	52	58	66	56	69	67
Venezuela	T	670	n.a.	787	n.a.	785	814	749	845 <sup>2</sup>	913 <sup>2</sup>	n.a.
	M	535	n.a.	626	n.a.	633	659	611	703	741	n.a.
	F	135	n.a.	161	n.a.	152	155	138	142	172	n.a.
<b>ASIA:</b>											
Bahrain	T	n.a.	n.a.	n.a.	n.a.	11	n.a.	9	14	n.a.	n.a.
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	7	13	n.a.	n.a.
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	2	1	n.a.	n.a.
Brunei - Darussalam	T	n.a.	n.a.	4	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	4	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
China	T	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	17382 <sup>6</sup>	16980 <sup>6</sup>	20303 <sup>6</sup>	n.a.
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	7585	7573	8949	n.a.
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	9797	9407	11354	n.a.
Hong Kong	T	519	405	460	499	714	675	619	579	604	n.a.
	M	303	n.a.	n.a.	302	410	389	349	317	347	n.a.
	F	216	n.a.	n.a.	197	304	286	270	262	257	n.a.
Iran, Islamic Rep of	T	119 <sup>7</sup>	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	101	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	18	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Israel	T	210	208	245	226	234	278	271	303	353	n.a.
	M	132	126	165	152	159	182	193	214	248	n.a.
	F	78	82	80	74	75	96	78	89	105	n.a.
Japan	T	20096	20668	24985	24344	23383	25667	23831	22795	21125	20088
	M	12708	13203	16876	16251	15356	16499	15281	14290	12939	12316
	F	7388	7465	8109	8093	8027	9168	8550	8505	8186	7772



**TABLE VI-6 NUMBER OF DEATHS FROM SUICIDE AND SELF-INFLICTED INJURY  
BY SEX AND COUNTRY, 1981-1990 - Continued**

Area & Country		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>ASIA (Cont'd):</b>											
Korea, Republic of	T	n.a.	n.a.	n.a.	n.a.	3689	3458	447	2949	3023	n.a.
	M	n.a.	n.a.	n.a.	n.a.	2691	2568	299	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	n.a.	998	890	148	n.a.	n.a.	n.a.
Kuwait	T	10	2	7	n.a.	17	16	16	n.a.	n.a.	n.a.
	M	6	1	6	n.a.	14	12	11	n.a.	n.a.	n.a.
	F	4	1	1	n.a.	3	4	5	n.a.	n.a.	n.a.
Macau	T	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	19	n.a.	n.a.	44
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Maldives	T	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	4	17	n.a.	n.a.
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Qatar	T	n.a.	5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	2	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Singapore	T	191	n.a.	267	211	327	329	302	367	385	354
	M	107	n.a.	156	118	191	193	172	221	211	201
	F	84	n.a.	111	93	136	136	130	146	174	153
Sri Lanka	T	4401	n.a.	5592	5769	5669	5347	n.a.	n.a.	n.a.	n.a.
	M	2892	n.a.	3785	3940	3939	3855	n.a.	n.a.	n.a.	n.a.
	F	1509	n.a.	1807	1829	1730	1492	n.a.	n.a.	n.a.	n.a.
Syrian Arab Rep	T	31	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	26	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	5	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Thailand	T	3458	3237	3248	3023	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	1803	n.a.	n.a.	1723	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	1655	n.a.	n.a.	1300	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Turkey	T	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	144 <sup>4</sup>	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	98	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	46	n.a.	n.a.	n.a.
<b>EUROPE:</b>											
Austria	T	2032	2070	2041	2028	2091	2139	2069	1851	1898	1825
	M	1437	1499	1430	1442	1467	1511	1445	1322	1313	1284
	F	595	571	611	586	624	628	624	529	585	541
Belgium	T	2159	2155	2246	2343	n.a.	2202	2238	n.a.	n.a.	n.a.
	M	n.a.	1451	1451	1569	n.a.	1488	1543	n.a.	n.a.	n.a.
	F	n.a.	704	795	774	n.a.	714	695	n.a.	n.a.	n.a.
Bulgaria	T	1209	1360	1194	1511	1456	1408	1492	1452	1460	1323
	M	852	965	864	1080	1034	975	1063	1025	1041	920
	F	357	395	330	431	422	433	429	427	419	403
Czechoslovakia	T	3037	3055	2955	2862	2934	2972	2778	2767	2770	2798
	M	2260	2247	2216	2115	2202	2184	2086	2010	2061	2082
	F	777	808	739	747	732	788	692	757	709	716
Denmark	T	1535	1484	1462	1466	1420	1416	1430	1336	1379	1241
	M	982	935	933	920	885	899	913	843	869	815
	F	553	549	529	546	535	517	517	493	510	426



**TABLE VI-6 NUMBER OF DEATHS FROM SUICIDE AND SELF-INFLICTED INJURY  
BY SEX AND COUNTRY, 1981-1990 - Continued**

Area & Country		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>EUROPE (Cont'd):</b>											
Finland	T	1143	1162	1183	1231	1208	1310	1363	1402	1413	1512
	M	904	898	936	979	960	1023	1065	1107	1118	1193
	F	239	264	247	252	248	287	298	295	295	319
France	T	10586	11361	11914	12113	12501	12529	12161	11599	11715	11403
	M	7541	8074	8475	8619	8898	8872	8587	8234	8343	8178
	F	3045	3287	3439	3494	3603	3657	3574	3365	3372	3225
Germany	T	13379 <sup>8</sup>	13148 <sup>8</sup>	13075 <sup>8</sup>	12548 <sup>8</sup>	12616 <sup>8</sup>	11599 <sup>8</sup>	11599 <sup>8</sup>	10815 <sup>8</sup>	14542	13924
	M	8743	8787	8502	8346	8576	7781	7836	7369	9910	9534
	F	4636	4361	4573	4202	4040	3818	3763	3446	4632	4390
Gibraltar	T	n.a.	n.a.	5	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	-	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Greece	T	322	347	368	389	405	393	410	403	383	349
	M	220	242	266	280	277	292	296	288	278	271
	F	102	105	102	109	128	101	114	115	105	78
Hungary	T	4880	4659	4911	4900	4725	4817	4782	4377	4396	4133
	M	3293	3214	3455	3486	3447	3393	3377	2972	3132	2980
	F	1587	1445	1456	1414	1278	1424	1405	1405	1264	1153
Iceland	T	16	22	40	44	32	37	36	35	22	40
	M	12	15	33	37	25	25	22	30	16	35
	F	4	7	7	7	7	12	14	5	6	5
Ireland	T	212	241	282	232	276	282	245	266	278	334
	M	158	178	202	164	216	215	185	195	213	251
	F	54	63	80	68	60	67	60	71	65	83
Isle of Man	T	10	n.a.	4	4	7	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	3	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Italy	T	3933	4197	4305	4454	4759	4691	4516	4381	4342	n.a.
	M	2748	2929	3041	3123	3371	3293	3263	3095	3124	n.a.
	F	1185	1268	1264	1331	1388	1398	1253	1286	1218	n.a.
Luxembourg	T	61	78	81	69	55	51	74	69	74	68
	M	45	60	59	47	39	37	45	52	55	47
	F	16	18	22	22	16	14	29	17	19	21
Malta	T	-	1	1	-	2	1	1	9	23	8
	M	-	1	-	-	2	-	1	8	18	8
	F	-	-	1	-	-	1	-	1	5	-
Netherlands	T	1431	1535	1720	1782	1638	1604	1616	1523	1520	1450
	M	865	923	1039	1083	1048	998	995	965	953	909
	F	566	612	681	699	590	606	621	558	567	541
Norway	T	523	576	602	599	584	579	649	708	660	659
	M	388	421	433	448	428	419	486	510	481	488
	F	135	155	169	151	156	160	163	198	179	171
Poland	T	n.a.	n.a.	4535	5167	4945	4866	5012	4632	4307	4970
	M	n.a.	n.a.	3730	4242	4092	4017	4102	3791	3580	4091
	F	n.a.	n.a.	805	925	853	849	910	841	727	879
Portugal	T	781	833	977	1032	983	941	960	819	747	870
	M	542	582	707	718	693	672	709	623	549	642
	F	239	251	270	314	290	269	251	196	198	228



**TABLE VI-6 NUMBER OF DEATHS FROM SUICIDE AND SELF-INFLICTED INJURY  
BY SEX AND COUNTRY, 1981-1990 - Concluded**

Area & Country		1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>EUROPE (Cont'd):</b>											
Romania	T	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	2529	2079
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	1886	1523
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	643	556
Spain	T	1718	1851	2181	2493	2514	2755	2804	2960	2987	n.a.
	M	1268	1336	1593	1836	1829	2032	2017	2150	2213	n.a.
	F	450	515	588	657	685	723	787	810	774	n.a.
Sweden	T	1460	1616	1580	1625	1516	1549	1541	1590	1579	n.a.
	M	1015	1144	1122	1127	1029	1119	1077	1098	1122	n.a.
	F	445	472	458	498	487	430	464	492	457	n.a.
Switzerland	T	1512	1574	1621	1600	1620	1486	1576	1476	1513	1467
	M	1041	1095	1157	1134	1117	1045	1118	1041	1063	1032
	F	471	479	464	466	503	441	458	435	450	435
United Kingdom	T	4935 <sup>9</sup>	4840 <sup>9</sup>	4926	4943	5105	4839	4594	4971	4361	4643
	M	3100	3145	3243	3292	3421	3391	3263	3611	3234	3524
	F	1835	1695	1683	1651	1684	1448	1331	1360	1127	1119
USSR, Former	T	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	54105	55519	60278	60788
	M	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	40181	41408	46271	46902
	F	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	13924	14111	14007	13886
Yugoslavia	T	3517	3652	3679	3791	3692	3707	4025	3828	3904	3653
	M	2483	2502	2566	2669	2607	2596	2765	2616	2720	2549
	F	1034	1150	1113	1122	1085	1111	1260	1212	1184	1104
<b>OCEANIA:</b>											
Australia	T	1672	1777	1726	1712	1827	1982	2240	2197	n.a.	n.a.
	M	1259	1318	1308	1309	1428	1531	1773	1730	n.a.	n.a.
	F	413	459	418	403	399	451	467	467	n.a.	n.a.
Fiji	T	101	n.a.	6	22	77	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	n.a.	n.a.	11	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	n.a.	n.a.	11	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Guam	T	9	9	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	M	n.a.	8	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
	F	n.a.	1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
New Zealand	T	320	364	352	389	338	414	463	484	465	n.a.
	M	241	257	250	297	255	301	363	381	372	n.a.
	F	79	107	102	92	83	113	100	103	93	n.a.

<sup>1</sup> Estimated figures, based on the average of deaths over the period 1985-1987.

<sup>2</sup> Provisional statistics prepared by the United Nations Population Division.

<sup>3</sup> Estimated figures, based on the average of deaths over the period 1984-1985.

<sup>4</sup> Reporting areas only.

<sup>5</sup> Average of deaths over the period 1986-1988.

<sup>6</sup> Selected urban and rural areas only. They are almost entirely located in the eastern half of the country where the majority of the population is to be found.

<sup>7</sup> Urban areas only.

<sup>8</sup> Former Federal Republic of Germany only.

<sup>9</sup> Data exclude Northern Ireland.

Source: World Health Organization, *World Health Statistics Annual 1983 to 1992*, (Geneva: World Health Organization, annual editions)



**TABLE VI-7 DEATH RATES PER 100,000 POPULATION FROM SUICIDE AND SELF-INFLICTED INJURY BY COUNTRY, 1981-1990**

Area & Country	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>AFRICA:</b>										
Egypt	n.a.	0.51	n.a.	n.a.	n.a.	n.a.	0.04	n.a.	n.a.	n.a.
Mauritius	1.96	1.31	1.80	11.45	10.20	2.72	13.45	15.86	13.53	13.67
Saint Helena	n.a.	20.00	n.a.	33.33	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Sao Tome & Principe	n.a.	n.a.	n.a.	n.a.	1.85	n.a.	0.89	n.a.	n.a.	n.a.
Seychelles	3.13	1.56	n.a.	n.a.	n.a.	n.a.	6.06	n.a.	n.a.	n.a.
Zimbabwe	n.a.	n.a.	n.a.	n.a.	n.a.	7.48	n.a.	n.a.	n.a.	n.a.
<b>AMERICA:</b>										
Argentina	7.73	6.96	6.36	6.32	6.66	7.49	7.41	7.52	7.11	n.a.
Bahamas	0.47	0.46	2.23	n.a.	2.16	n.a.	1.25	n.a.	n.a.	n.a.
Barbados	2.80	0.80	3.59	1.98	2.77	3.16	n.a.	4.72	n.a.	n.a.
Belize	n.a.	n.a.	n.a.	1.85	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Bermuda	n.a.	n.a.	5.45	7.14	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Brazil	n.a.	3.61	n.a.	3.34	3.14	3.11	3.32	n.a.	n.a.	n.a.
Canada	13.98	14.33	15.15	13.77	12.95	14.48	14.03	13.55	13.31	12.70
Chile	5.75	5.61	5.65	6.18	5.63	5.31	5.53	5.47	5.59	n.a.
Colombia	3.46	n.a.	n.a.	3.81	3.53	3.34	n.a.	n.a.	n.a.	n.a.
Costa Rica	4.27	3.71	5.29	4.40	4.88	4.82	4.31	5.02	5.82	n.a.
Dominica	n.a.	5.26	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Dominican Republic	n.a.	2.22	n.a.	2.38	2.07	n.a.	n.a.	n.a.	n.a.	n.a.
Ecuador	3.59	4.35	n.a.	4.31	4.21	3.94	3.94	4.58	4.11	4.66
El Salvador	10.55	11.80	12.91	11.82	n.a.	n.a.	n.a.	n.a.	n.a.	11.08
Greenland	66.67	92.31	136.54	109.43	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Guatemala	0.55	n.a.	n.a.	0.52	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Guyana	n.a.	n.a.	n.a.	1.65	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Jamaica	n.a.	n.a.	0.31	0.18	0.35	n.a.	n.a.	n.a.	n.a.	n.a.
Martinique	11.35	8.21	n.a.	n.a.	3.56	n.a.	12.75	n.a.	n.a.	n.a.
Mexico	1.67	1.62	1.39	n.a.	2.01	2.17	2.12	2.07	2.22	2.25
Netherlands Antilles	2.63	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Nicaragua	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	2.38
Panama	1.85	1.71	1.87	1.36	2.57	3.73	3.78	3.75	2.95	n.a.
Paraguay	1.38	1.49	1.76	1.51	1.73	1.50	1.63	n.a.	n.a.	n.a.
Peru	n.a.	n.a.	0.53	n.a.	n.a.	0.74	n.a.	n.a.	0.50	n.a.
Puerto Rico	9.30	9.19	10.05	9.17	8.19	9.36	7.94	9.08	9.36	10.31
St Kitts & Nevis	2.27	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
St Lucia	0.79	n.a.	n.a.	n.a.	n.a.	n.a.	6.34	n.a.	n.a.	n.a.
Suriname	14.65	17.58	n.a.	27.73	21.15	10.77	13.07	n.a.	n.a.	n.a.
Trinidad & Tobago	5.22	6.99	8.69	6.41	2.46	8.70	9.82	13.53	14.26	n.a.
United States	12.00	12.16	12.08	12.39	12.35	12.84	12.68	12.41	12.22	n.a.
Uruguay	n.a.	10.91	10.98	11.17	9.57	8.76	8.55	8.79	11.21	10.27
Venezuela	4.33	n.a.	4.80	n.a.	4.53	4.64	4.17	4.59	4.84	n.a.
<b>ASIA:</b>										
Bahrain	n.a.	n.a.	n.a.	n.a.	2.59	n.a.	1.97	2.96	n.a.	n.a.
Brunei - Darussalam	n.a.	n.a.	1.92	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
China	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	1.60	1.54	1.81	n.a.
Hong Kong	10.01	7.69	8.61	9.24	13.09	12.20	11.03	10.19	10.48	n.a.
Iran, Islamic Rep Of	0.29	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Israel	5.32	5.17	5.97	5.43	5.53	6.47	6.20	6.82	7.81	n.a.
Japan	17.08	17.44	20.94	20.27	19.35	21.13	19.52	18.59	17.15	16.26



**TABLE VI-7 DEATH RATES PER 100,000 POPULATION FROM SUICIDE AND SELF-INFLICTED INJURY BY COUNTRY, 1981-1990 - Concluded**

Area & Country	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990
<b>ASIA (Cont'd):</b>										
Korea, Republic Of	n.a.	n.a.	n.a.	n.a.	9.04	8.40	1.08	7.03	7.13	n.a.
Kuwait	0.70	0.13	0.45	n.a.	0.99	0.89	0.85	n.a.	n.a.	n.a.
Macau	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	4.43	n.a.	n.a.	9.19
Maldives	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	2.05	8.50	n.a.	n.a.
Qatar	n.a.	1.95	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Singapore	7.82	n.a.	10.67	8.34	12.78	12.72	11.56	13.86	14.34	13.09
Sri Lanka	29.32	n.a.	36.27	36.97	35.78	33.18	n.a.	n.a.	n.a.	n.a.
Syrian Arab Republic	0.34	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Thailand	7.28	6.65	6.54	5.97	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Turkey	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	0.27	n.a.	n.a.	n.a.
<b>EUROPE:</b>										
Austria	26.86	27.34	27.04	26.85	27.68	28.27	27.32	24.37	24.91	23.65
Belgium	21.91	21.86	22.79	23.77	n.a.	22.33	22.67	n.a.	n.a.	n.a.
Bulgaria	13.60	15.25	13.36	16.86	16.25	15.72	16.63	16.17	16.24	14.71
Czechoslovakia	19.82	19.88	19.17	18.51	18.93	19.13	17.84	17.73	17.71	17.87
Denmark	29.97	29.00	28.59	28.68	27.77	27.65	27.89	26.04	26.87	24.14
Finland	23.81	24.07	24.36	25.22	24.64	26.64	27.64	28.35	28.46	30.32
France	19.54	20.85	21.77	22.04	22.66	22.62	21.86	20.76	20.86	20.20
Germany	17.06	16.80	16.75	16.13	16.25	14.94	14.92	13.84	18.48	17.54
Gibraltar	n.a.	n.a.	17.24	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Greece	3.31	3.54	3.74	3.93	4.08	3.94	4.11	4.03	3.82	3.45
Hungary	45.56	43.61	46.09	46.14	44.66	45.73	45.60	41.91	42.28	39.87
Iceland	6.93	9.40	16.88	18.41	13.28	15.23	14.63	14.00	8.70	15.69
Ireland	6.16	6.93	8.05	6.57	7.80	7.96	6.92	7.52	7.91	9.53
Isle of Man	15.63	n.a.	6.25	6.25	11.11	n.a.	n.a.	n.a.	n.a.	n.a.
Italy	6.96	7.41	7.57	7.81	8.33	8.19	7.88	7.63	7.55	n.a.
Luxembourg	16.71	21.31	22.13	18.85	14.99	13.86	19.95	18.50	19.63	17.85
Malta	n.a.	0.31	0.30	n.a.	0.60	0.29	0.29	2.59	6.55	2.26
Netherlands	10.04	10.73	11.98	12.36	11.31	11.01	11.02	10.32	10.24	9.70
Norway	12.76	14.00	14.58	14.47	14.06	13.89	15.50	16.82	15.61	15.54
Poland	n.a.	n.a.	12.40	14.00	13.29	12.99	13.31	12.23	11.35	13.04
Portugal	7.92	8.44	9.88	10.43	9.93	9.50	9.70	8.28	7.56	8.82
Romania	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	10.92	8.96
Spain	4.55	4.87	5.72	6.50	6.53	7.14	7.24	7.63	7.68	n.a.
Sweden	17.55	19.41	18.97	19.49	18.16	18.51	18.35	18.85	18.59	n.a.
Switzerland	23.80	24.63	25.25	24.84	25.04	22.85	24.08	22.39	22.76	21.86
United Kingdom	9.80	8.60	8.74	8.75	9.02	8.52	8.07	8.71	7.62	8.09
USSR, Former	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	19.13	19.45	21.02	21.06
Yugoslavia	15.65	16.13	16.13	16.51	15.97	15.93	17.19	16.24	16.48	15.34
<b>OCEANIA:</b>										
Australia	11.20	11.71	11.22	11.01	11.57	12.37	13.77	13.28	n.a.	n.a.
Fiji	15.61	n.a.	0.89	3.21	11.05	n.a.	n.a.	n.a.	n.a.	n.a.
Guam	8.18	8.11	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
New Zealand	10.24	11.53	11.00	12.05	10.41	12.75	14.12	14.70	14.04	n.a.

Source: United Nations, Department of International Economic and Social Affairs, Statistical Office, Demographic Yearbook 1983 to 1991. (New York: United Nations, annual editions); World Health Organization, World Health Statistics Annual 1983 to 1992. (Geneva: World Health Organization, annual editions)







## International Profile - Alcohol and Other Drugs, 1994

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